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Oak Ridge Associated
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Enforcement

and
Division of Fuel
Cycle and
Material Safety

RADIOLOGICAL SURVEY

OF BUILDING 001

ENERGY SYSTEMS GROUP HEADQUARTERS

ROCKWELL INTERNATIONAL

CANOGA PARK, CALIFORNIA

P. W. FRAME

Radiological Site Assessment Program
Manpower Education, Research, and Training Division

FINAL REPORT

June 1984

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P.W. Frame

Project Staff

J.D. Berger
A.J. Boerner
M.J. Brennan
R.D. Condra
M.R. Dunsmore
G.R. Foltz
R.C. Gentry
L.H. Hawkins
C.M. Plott
B.P. Rocco
T.J. Sowell
C.F. Weaver
B.K. Zoitos

Prepared by

Radiological Site Assessment Program
Manpower Education, Research, and Training Division
Oak Ridge Associated Universities
Oak Ridge, Tennessee 37831-0117

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RADIOLOGICAL SURVEY OF BUILDING 001 ENERGY SYSTEMS GROUP, HEADQUARTERS ROCKWELL INTERNATIONAL CANOGA PARK, CALIFORNIA

INTRODUCTION

The headquarters of Energy Systems Group, Rockwell International, is located at 8900 DeSoto Avenue, Canoga Park, California. Building 001 and several small adjacent areas at this site were used for fabrication of enriched (2-93%) uranium fuel elements. These areas have been decontaminated to permit their release from the Nuclear Regulatory Commission (NRC) Special Nuclear Materials License. Decontamination and decommissioning activities were performed in three separate phases: Phase I, including Regions IA and IB of Building 001, loading docks, a second floor office area, and part of the mezzanine; Phase II, including Region IIB of Building 001 and part of the mezzanine, and; Phase III, including Regions IIA and III of Building 001, the remaining areas in the mezzanine, the roof of Building 001, several outside equipment storage yards, and Building 131. These activities are documented by Rockwell International in three separate reports.[1-3]

Decontamination efforts included the removal of several drain lines and the surrounding soil; decontamination and removal of several walls, partitions, and portions of the ventilation system; and cleaning of surface contamination from floors, walls, and overhead surfaces. Region V of the NRC sampled and analyzed soil in the trenches created during removal of the drain lines. Following a determination that radionuclide concentrations in trench soil were within acceptable levels, the trenchs were backfilled and covered with concrete.

At the request of the NRC Division of Fuel Cycle and Material Safety and the Region V Office of Inspection and Enforcement, the Radiological Site Assessment Program of Oak Ridge Associated Universities (ORAU), Oak Ridge, Tennessee, conducted confirmatory radiological surveys following each of the three phases of decontamination: Phase 1, May 23-June 3, 1983; Phase II,

September 14-22, 1983 and; Phase III, December 5-21, 1983. This report describes the procedures and findings of those surveys.

SITE DESCRIPTION

The headquarters for Energy Systems Group, Rockwell International, is located at 8900 DeSoto Avenue, Canoga Park, California (refer to Figure 1). The site includes: four main buildings (Building 001-004), several smaller support buildings, and, a number of equipment storage yards (refer to Figure 2).

Fuel element production was performed in the largest building, Building 001, which has a floor space of approximately 10,000 m^2. The major portion of the building is occupied by a high bay area (approximately 8 m in height); however, there are two floors in the western quarter of the building. Equipment has been removed from most first floor areas with the exception of the machine shop (room 11N-96), some abandoned cleaning tanks (room 11D-04C), and the overhead lighting, piping, and comfort ventilation systems found throughout the facility. The second floor includes an occupied office area and a services mezzanine. The latter contains miscellaneous equipment for the ventilation and air conditioning systems. Extending along most of the south side of the building is a concrete loading dock which includes several partially enclosed areas and a small office. On the north side of Building 001 are small areas, collectively designated in this report as Y1. Some of these had been used for the temporary storage of waste and include several waste water holding pits.

Just east of Building 001 are storage yards, 507, 508, and 511, designated in this report as Y2, Y3, and Y4, respectively (refer to Figure 2). These had been used for the storage of shipping containers and waste packages, although most recently Y2 and Y3 have been used for miscellaneous industrial storage and a spray paint booth, respectively. Neither of these recent uses have involved radioactive material.

A long narrow support building, Building 131, is located just west of Y4. It consists of two enclosed sections separated by an open caged area.

The enclosed area, occupying the southern portion of the building, was used for solidification of liquid wastes. Neither of the other two areas of the building housed operations involving radioactive material. The area surrounding Building 131 to a distance of 3 m is designated Y5 in this report.

The areas in Building 001, included in Phases I, II, and III, are indicated in Figure 3. Figures 4, 5, and 6 indicate the room/area designations.

SURVEY PROCEDURES

Objective

The survey objective was to verify the licensee's survey results by measuring direct radiation and surface contamination levels and comparing the results with the licensee's data and the appropriate NRC guidelines.

Plan

Survey plans and procedures to achieve this objective were developed in accordance with guidance presented in NUREG/CR-2082.[4] That document specifies tailoring the survey to the site, based on factors such as the site's radiological history, relative potential hazards of the residual contaminants, and findings as the survey progresses. Confirmation of 0.1% to 10% of the licensee's results is recommended. The fraction of the grid blocks, selected for contamination measurements, therefore varied among the three survey phases and, in some cases, among specific areas within each survey phase. The survey plans included the following activities:

I. Phase I: Building 001, Regions 1A and 1B

   a. A 3 m grid system was established for survey reference (Figure 7).
   b. A 100% beta-gamma scan of the floor and lower walls (up to 2 m), excluding the office area on the second floor, was conducted.

c. Total and removable alpha and beta-gamma contamination was measured on 11% of the floor grid blocks, 5% of the grid blocks on the lower walls, and approximately 2.5% of all ungridded areas, i.e. upper walls, ceilings, mezzanine, and stairways. Measurements were also performed at 39 locations in the loading dock area (see Figure 8).

d. Beta-gamma scans and measurements of removable contamination were performed on the exposed upper walls of four pits in the southeast corner of Building 001. These pits, originally 9 to 13 m deep, had been filled with sand and sludge to 0.6 to 0.9 m below floor level.

e. Beta-gamma and gamma scans of remaining floor drains and piping were conducted.

f. Gamma exposure rates at 1 m above the floor surface were measured throughout the areas included in this phase.

II. Phase II: Building 001, Region 11B

a. A 3 m grid system was established for survey reference (Figure 9).

b. A 100% beta-gamma scan was conducted on the floor and lower walls. Accessible areas on equipment, piping, vent systems, etc., were also scanned.

c. Total and removable alpha and beta-gamma contamination was measured on approximately 11% of the grid blocks on the floor, walls, and ceiling. In the mezzanine area, 35 measurements were performed at selected locations (see Figure 10).

d. Beta-gamma and gamma scans of remaining floor drains and piping were conducted.

e. Gamma exposure rates at 1 m above the floor surface were measured throughout the areas included in this phase.

III. Phase III: Building 001, Buidling 131; Regions 11A and III; and Storage Yards Y2, Y3, and Y4.

a. Three meter grid systems were established on the ground floors of Buildings 001 and 131 for survey reference (Figures 11 and 12).

b. A 100% beta-gamma scan of the floors and lower walls (up to 2 m) inBuildings 001 and 131, storage yards Y2, Y3, and Y4 the yards immediately north of Building 001 (Y1), and all areas within 3 m of Building 131 (Y5) was conducted. Beta-gamma scans were performed at 2-5 m intervals on upper walls, ceilings, equipment, piping, ductwork, etc., and the roof of Building 001.

c. Total and removable alpha and beta-gamma contamination was measured on approximately 10% of the grid blocks surveyed by the licensee, 4% of the remaining grid blocks on the floor and lower walls, and 1% of the grid blocks on the upper walls and ceilings. Exceptions included areas in Buildings 001 and 131 where unencapsulated radioactive material had been handled, areas where the licensee's initial survey had identified surface contamination requiring cleanup, and areas of elevated radiation levels identified in the present survey (see Figure 13). In these areas, at the request of NRC Region V personnel, direct and removable contamination were performed in 50% of the grid blocks. Measurements were also performed in the mezzanine, on the roof, and in storage yards Y1 - Y5 at 50, 51, and 84 selected locations, respectively (see Figures 14-17).

d. Beta-gamma and gamma scans of remaining floor drains and piping were conducted.

e. Gamma exposure rates at 1 m above the floor surface were measured throughout the areas included in this phase.

Procedures

Gridding

In each of the three survey phases, an alphanumeric grid system was established on the floor. The grid origin was in the northeast corner with the east wall forming the "0" line and the north wall forming the "A" line. Grid intervals were 3 meters. Measurements on the walls and ceilings were referenced to the floor grids.

Measurements performed on ungridded surfaces were assigned an alphanumeric code and the locations were referenced to pertinent surface landmarks.

Measurement of Direct Radiation and Removable Contamination

Beta-gamma scans were performed using thin-window (1.5-2.0 mg/cm^2) "pancake" G-M detectors and ratemeters with audible indicators. Detectors were passed slowly over the surface of the floor, wall, ceiling or piece of equipment being scanned. Typical scanning rates ranged from 10 to 20 cm/s. Locations of elevated direct radiation were identified for further measurements and possible decontamination. Figures 18, 19, 20, and 21 indicate the locations of elevated direct radiation noted in Phases I, II, and III.

One meter square areas were chosen at random on the floors, walls, and ceiling for measurement of direct radiation and removable contamination. At the center and corners of each 1 m^2, measurements of alpha and beta-gamma levels were performed using ZnS scintillation probes and "pancake" G-M detectors, respectively, connected to scaler/ratemeters. A smear for removable alpha and beta contamination was collected at one location in each grid area. The location of the smear usually coincided with the location of the highest level of direct radiation.

Areas with predominantly alpha contamination, as identified by the direct radiation measurements, were also scanned with ZnS alpha detectors in a manner similar to that for beta-gamma scanning.

Gamma exposure rates were measured with NaI(Tl) detectors coupled to ratemeters. Measurements were performed by carrying the detector at 1 m above floor level throughout the facility and recording the range of count rates. Gamma scans of piping and drains were performed by placing a NaI(Tl) detector inside piping and noting the count rates for indication of elevated radiation levels.

Equipment and Analytical Procedures

Appendix A contains a list of the major equipment and instrumentation used for the survey. Analytical procedures are described in Appendix B. Guidelines to which the survey results were compared are presented in Appendix C.[5]

RESULTS

Phase I

Beta-Gamma Surface Scan

The beta-gamma surface scan identified three small areas of elevated direct radiation, all located on the floor in the southeast corner of area 115-85/69 (see Figure 18). These areas, associated with an anchor bolt, a floor drain cover, and a sanitary drain pipe, were all removed by the licensee.

Total Contamination Level Measurements

Measurements of alpha and beta-gamma surface contamination levels are summarized in Table 1A. Original data from which summaries were prepared have been included in Appendix D. The average alpha levels ranged from 21-210 dpm/100 cm^2 and the average beta-gamma levels ranged from 20-720 dpm/100 cm^2; these are well below the guideline of 5000 dpm/100 cm^2. The maximum alpha and beta-gamma levels were 880 and 5100 dpm/100 cm^2, respectively. These levels are also within the the 15,000 dpm/100 cm^2 guideline.

Contamination levels measured at locations identified by the surface scan are presented in Table 1B. Removal of the floor anchor bolt and the drain cover were sufficient to reduce the levels of alpha and beta contamination at these locations to well within the NRC guidelines of 15,000 dpm/100 cm^2.

Removal of an 8 m section of the sanitary drain and cleaning of the remaining buried sections were monitored by Region V of the Nuclear Regulatory Commission, therefore, follow-up survey results are not included with this report.

Beta-Gamma Dose Rates

Beta-gamma dose rates measured in Phase I areas are summarized on Table 1A. The maximum (0.143 mrad/h) and average (0.011-0.032 mrad/h) beta-gamma dose rates measured in the individual grid blocks were all within the NRC guidelines of 1.0 mrad/h maximum and 0.2 mrad/h average.

Removable Contamination Levels

Levels of removable contamination were uniformly low (refer to Table 1A). The maximum levels measured were 18 dpm/100 cm^2 alpha and 33 dpm/100 cm^2 beta. They are well within the guideline level of 1000 dpm/100 cm^2.

Gamma Exposure Rates

Gamma exposure rates measured at 1 m above the floor ranged from 7.8-13.4 µR/h; the lowest levels, 7.8-10.6 µR/h, were encountered in the mezzanine.

Phase II

Beta-Gamma Surface Scan

Approximately 25 isolated areas of elevated direct radiation were identified by the beta-gamma scan; most of these areas were in rooms 11D-04C and 11D-08. All of these areas were subsequently decontaminated by the licensee, either by scabbling, in the case of contaminated patches of concrete floor or by chiseling, in the case of contaminated plaster or contaminated baseboards.

Total Contamination Level Measurements

Alpha and beta-gamma surface contamination levels are summarized in Table 2A. Average alpha and beta-gamma ranges were 8-110 dpm/100 cm^2 and 73-910 dpm/100 cm^2, respectively. Maximum alpha levels were 1400 dpm/100 cm^2 and maximum beta-gamma levels were 3300 dpm/100 cm^2. All average and maximum levels were within the NRC guidelines of 5000 and 15,000 dpm/100 cm^2, respectively. No clear pattern of alpha surface contamination was noted. However, in individual rooms beta-gamma contamination levels were generally highest on the floors and lowest on the walls.

Levels of contamination measured at 17 locations identified by the surface scan (see Figure 19) are presented in Table 2B. Although additional areas were identified, some were decontaminated by the licensee before complete measurements had been performed. Direct levels at these 17 locations ranged from 0-2100 alpha dpm/100 cm^2 and 3100-110,000 beta-gamma dpm/100 cm^2 before cleanup. Following cleanup the ranges were 0-120 alpha dpm/100 cm^2 and 0-4300 beta-gamma dpm/100 cm^2 - within the guidelines of 15,000 dpm/100 cm^2. The other areas identified by the scan, but not indicated on Figure 19 or in Table 2B, were also effectively decontaminated.

Beta-Gamma Dose Rates

Both the maximum (0.090 mrad/h) and average (0.015-0.036 mrad/h) beta-gamma rates were well within the NRC guidelines of 1.0 and 0.2 mrad/h, respectively. (Refer to Table 2A).

Removable Contamination Levels

Table 2A presents the measurements of removable contamination. The highest levels of removable alpha and beta-gamma contamination, 100 and 33 dpm/100 cm^2, respectively, were well within the NRC guidelines of 1000 dpm/100 cm^2.

Drain and Piping Scans

No drains or piping having elevated radiation levels on external or internal surfaces were noted.

Gamma Exposure Rates

Gamma exposure rates at 1 m above the floor ranged from 7.8-10.6 μR/h in the mezzanine and from 10.6-14.8 μR/h in the remainder of the areas included in Phase II.

Phase III

Beta-Gamma Surface Scan

The beta-gamma surface scan identified 40 isolated areas of elevated direct radiation. Most of these areas, some of which are shown on Figures 20 and 21, were located in rooms 1110-72 and 115-S3 of Building 001. Other areas of elevated direct radiation were located outside Building 001, in Building 131, and in yards Y1, Y4, and Y5. These areas were generally associated with contaminated floor anchor bolts, or small isolated patches of concrete and asphalt.

Total Contamination Level Measurements

Table 3A summarizes the results of surface contamination measurements performed in Phase III areas. Average alpha levels ranged from 9 - 410 dpm/100 cm^2. Average beta-gamma levels ranged from 32-1700 dpm/100 cm^2. Maximum alpha and beta-gamma levels were 2800 and 20,000 dpm/100 cm^2, respectively. The maximum beta-gamma level was measured at a location also identified by the surface scan and decontaminated later by the licensee. The next highest beta-gamma level was 10,000 dpm/100 cm^2. Maximum and average levels are within the guidelines of 15,000 and 5000 dpm/100 cm^2.

Table 3B presents the contamination levels measured before and after decontamination of 34 locations identified by the surface scan. Before decontamination the levels ranged from 23-92,000 dpm/100 cm^2 alpha and 800 - 560,000 dpm/100 cm^2 beta-gamma. Following decontamination, the ranges were 0-930 dpm/100 cm^2 alpha and 260-2400 dpm/100 cm^2 beta-gamma - within the acceptable NRC guidelines. Those elevated areas not indicated on Figures 20 and 21 or listed in Table 3B were also effectively decontaminated.

Beta-Gamma Dose Rates

The beta-gamma dose rates were 0.246 mrad/h maximum and 0.014 - 0.050 mrad/h average (Refer to Table 3A). These levels are within the NRC guideline value of 1.0 mrad/h maximum and 0.2 mrad/h average.

Removable Contamination

Measurements of removable alpha and beta contamination are summarized in Table 3A. Maximum levels of 51 dpm/100 cm^2 alpha and 18 dpm/100 cm^2 beta were well within the allowable value of 1000 dpm/100 cm^2.

Drain and Piping Scans

Scans of external and internal surfaces of piping and drains did not identify any elevated radiation levels.

Gamma Exposure Rates

Exposure rates measured at 1 m above the floor in the mezzanine area ranged from 7.8-10.0 μR/h; those measured in the remainder of the Phase III areas ranged from 9.2-17.0 μR/h.

Comparison of ORAU and ESG Measurements

Replicate measurements of alpha and beta-gamma direct radiation levels were performed by ORAU and ESG at 85 randomly selected grid blocks. Paired results were evaluated by a two-way analysis of variance and by linear regression. For both paired alpha measurements and paired beta measurements, the analysis of variance test indicated a statistically significant difference between the ORAU and ESG data sets at the 95% confidence level.

The regression analysis indicated the following relation between the ORAU and ESG data:

$$A(ORAU) = 2.70A(ESG)-41.4$$
$$B(ORAU) = 0.68B(ESG)-131$$

where

A = calculated alpha disintegration rate (dpm/100 cm^2)

B = calculated beta disinteration rate (dpm/100 cm^2)

The differences between results are probably largely due to differences in the efficiency factors and background levels used to convert the count rates to disintegration rates. For example, ESG used a conservative 10% efficiency factor for their beta-gamma probes, while ORAU's factors were 21-24%. An alpha background of 0 cpm was used by ORAU, although the true value was known to be closer to 1 cpm. At the relatively low level areas where the replicate measurements had been performed, these differences could result in beta-gamma variations of up to a factor of two and constant alpha variations of about 13 dpm/100 cm^2. In addition, although replicate ORAU and ESG measurements were performed in the same grid block, it was not possible to duplicate the precise locations of the measurements. Because of the nonhomogeneity of the contamination, substantial differences can occur within a small area. It is therefore doubtful that the ORAU and ESG measurements were true replicates. Despite these differences and uncertainties, ORAU and ESG data pairs were in general agreement within a factor of less than 2.70 for alpha levels and less than a factor of 0.68 for beta-gamma levels.

SUMMARY

At the request of the Nuclear Regulatory Commission, ORAU conducted radiological surveys of Building 001 and associated areas at Rockwell International's Energy Systems Group site in Canoga Park, California. The purpose of the survey was to confirm the licensee's findings, which indicated that the facility satisfied NRC guidelines for release from licensing restrictions.

The ORAU survey was performed in three separate phases. It included surface scans to identify contaminated areas, measurements of total and removable alpha and beta-gamma uranium contamination levels, and measurements of gamma exposure rates. Small, isolated areas of contamination were identified by the surface scans. Although many of these areas did not exceed the applicable NRC limits, the licensee, following a conservative philosophy, chose to perform further decontamination at these locations. Cleaning was effective in reducing all levels well below the limits. Total and removable contamination levels, measured on other facility surfaces, were also within these NRC guidelines.

A comparison of paired data, representing ORAU and licensee measurements in the same grid areas, demonstrated differences up to a factor of 3. Because of variations in conversion factors, poor statistics due to the low contamination levels, and uncertainties in reproducing the exact locations for replicate measurements, such differences are not considered significant by ORAU. It is ORAU's conclusion that, with the exception of small, isolated areas of surface contamination (eventually removed), the licensee's survey findings accurately represent the radiological status of the buildings and grounds, and that these areas are in compliance with the NRC guidelines for release for unrestricted use.

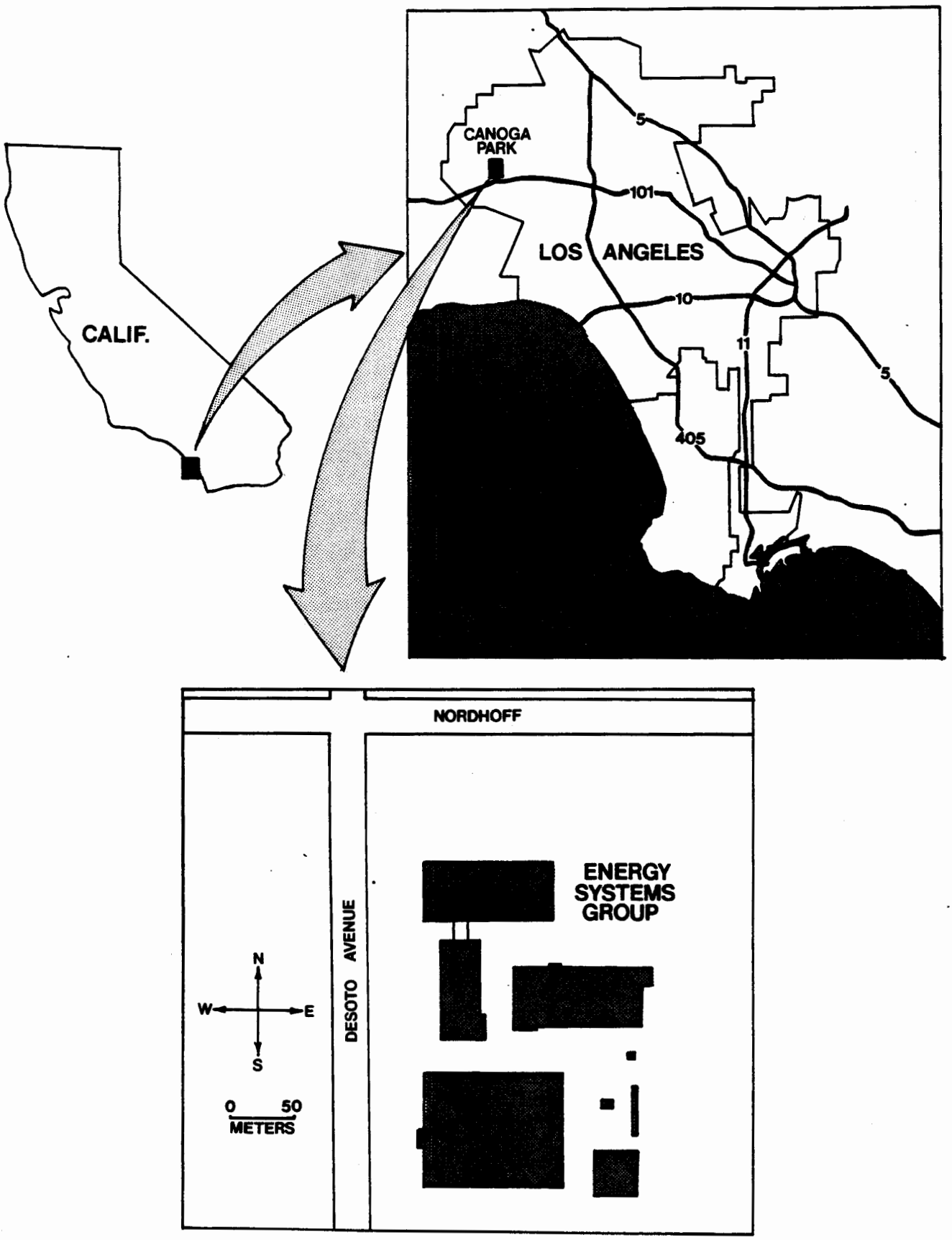


FIGURE 1: Map of Southwestern California Indicating the Location of ESG Headquarters.

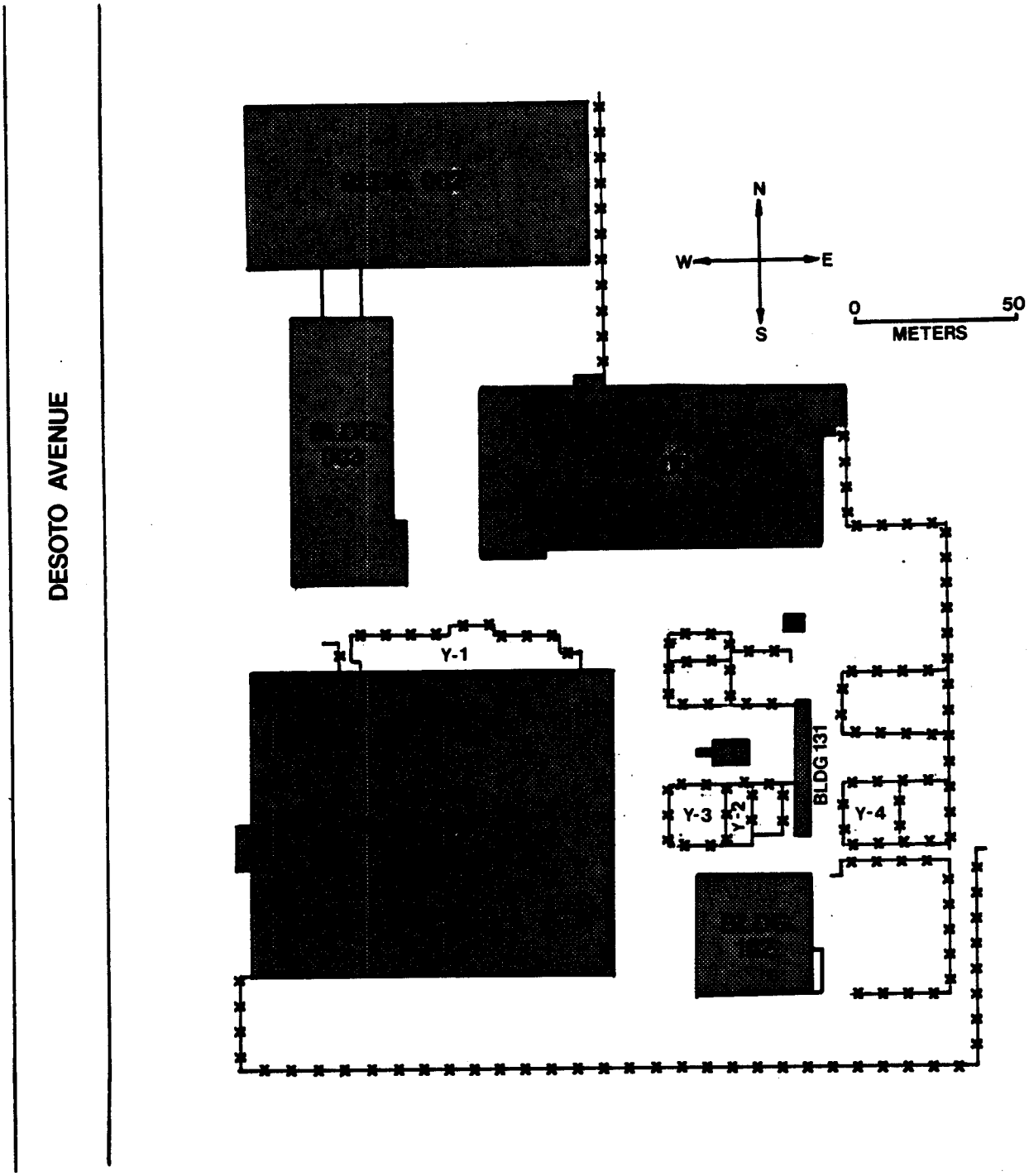


FIGURE 2: Plan View of ESG Headquarters Indicating Building and Storage Yard Locations.

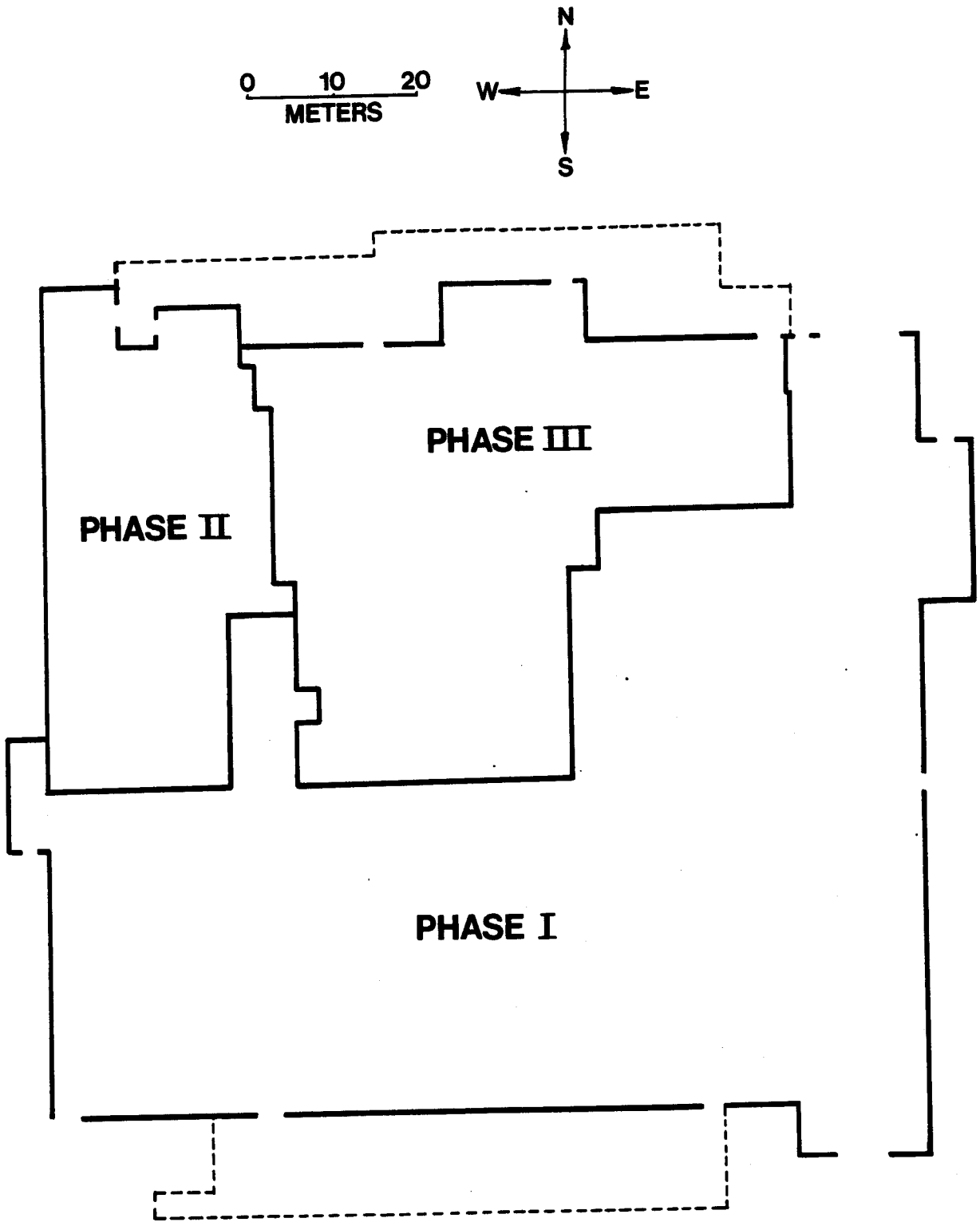


FIGURE 3: Building 001 Indicating Areas Included in Phase I, Phase II, and Phase III.

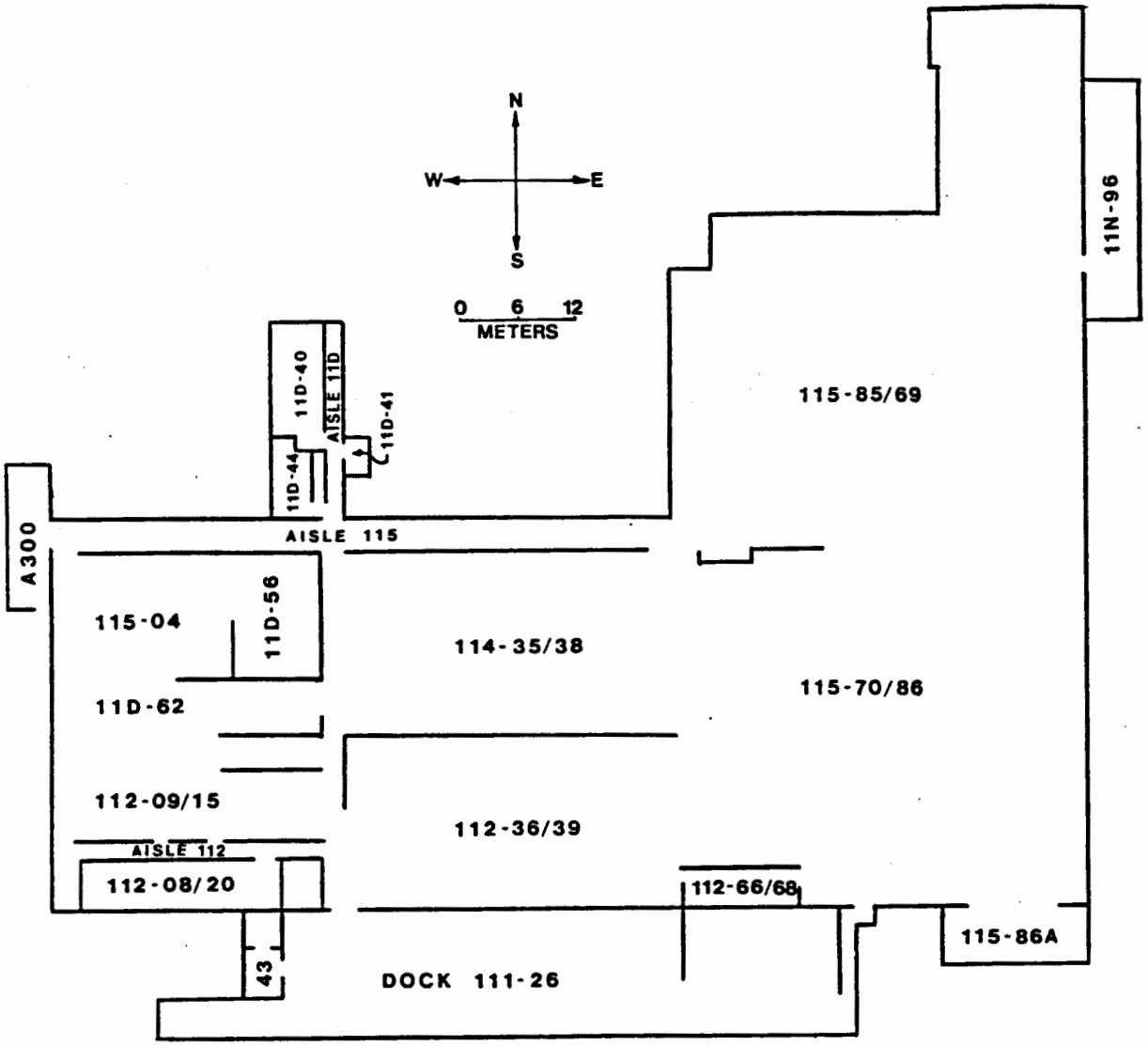


FIGURE 4: Building 001, Phase I Areas

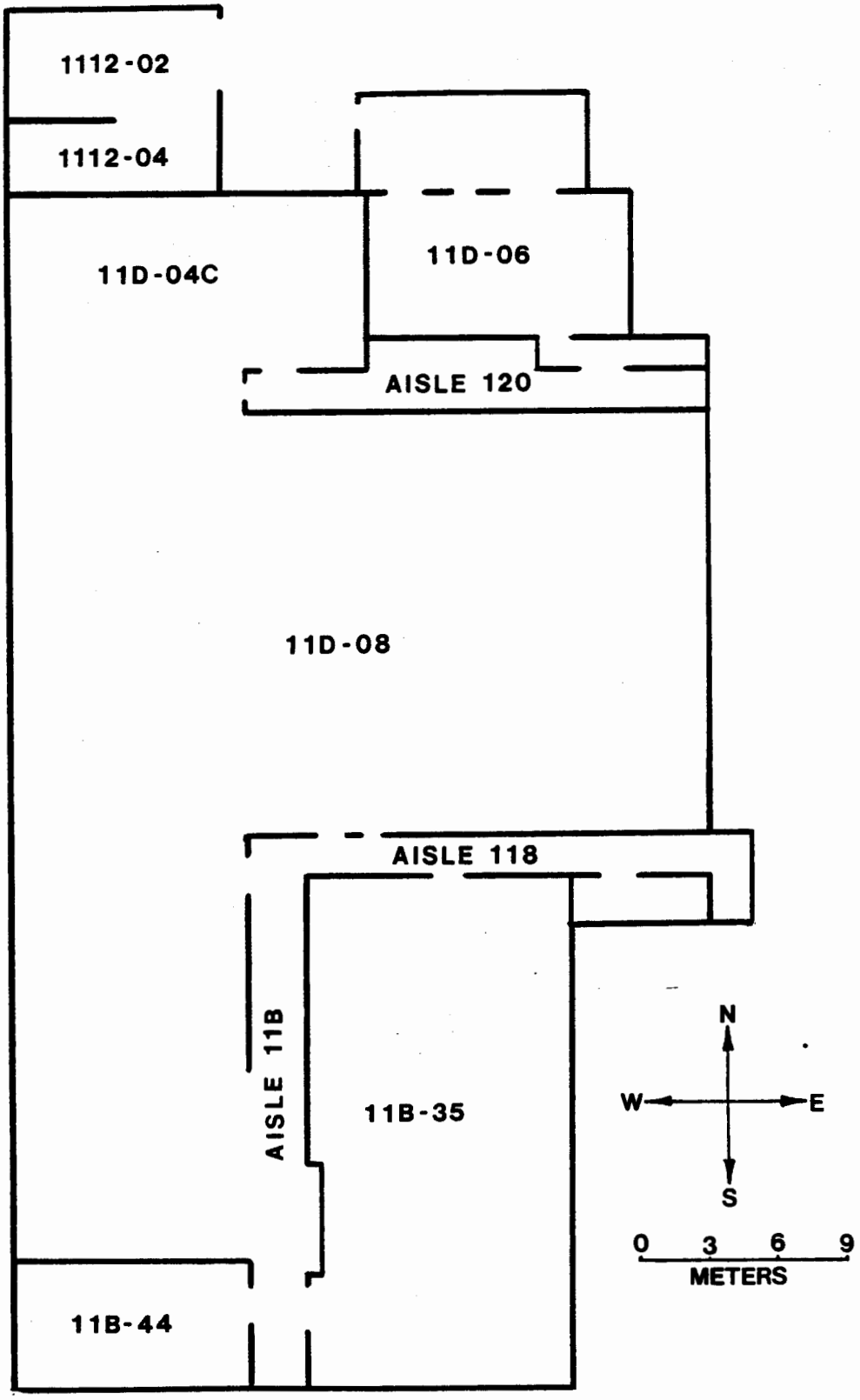


FIGURE 5: Building 001, Phase II Areas.

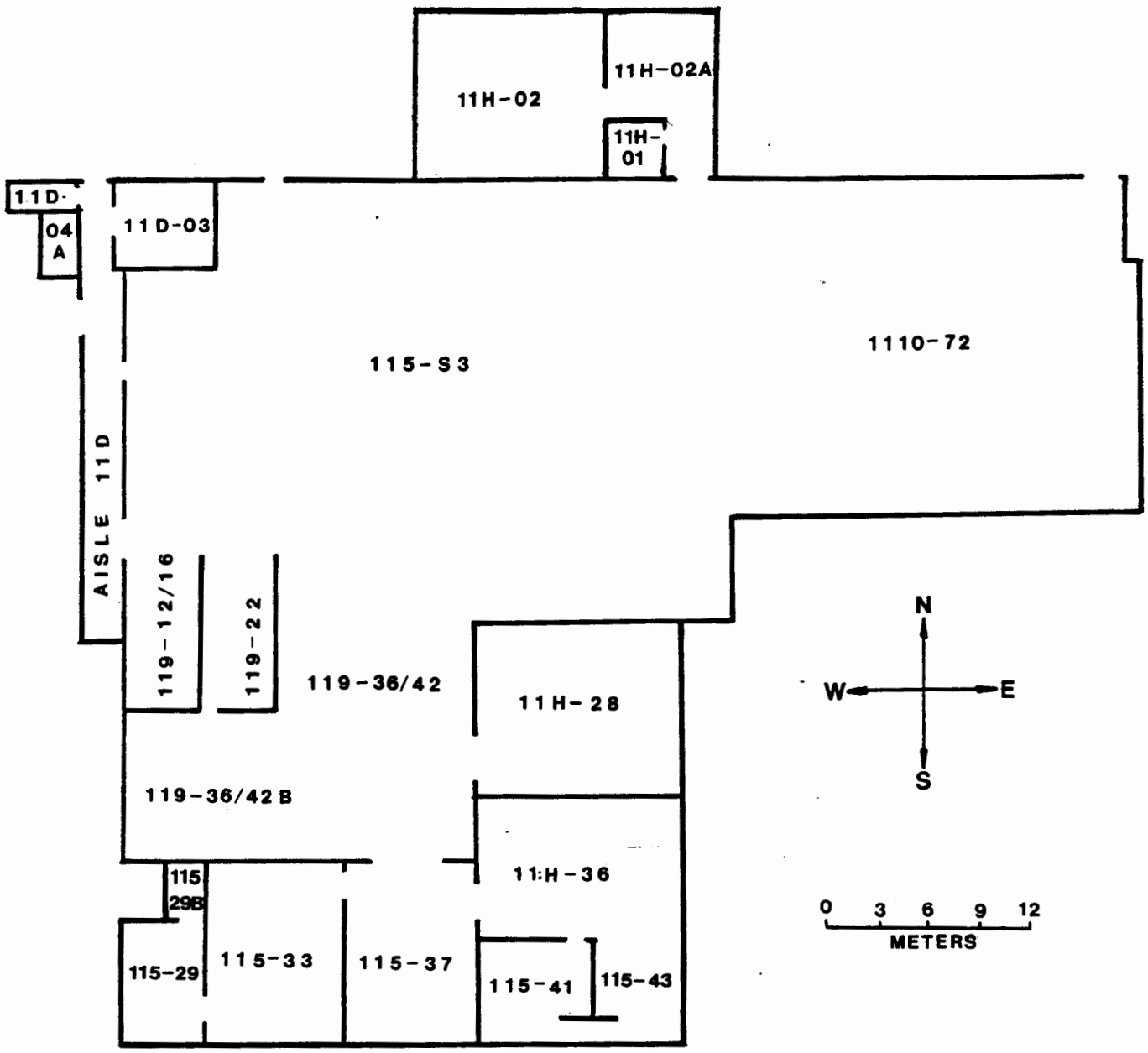


FIGURE 6: Building 001, Phase III Areas.

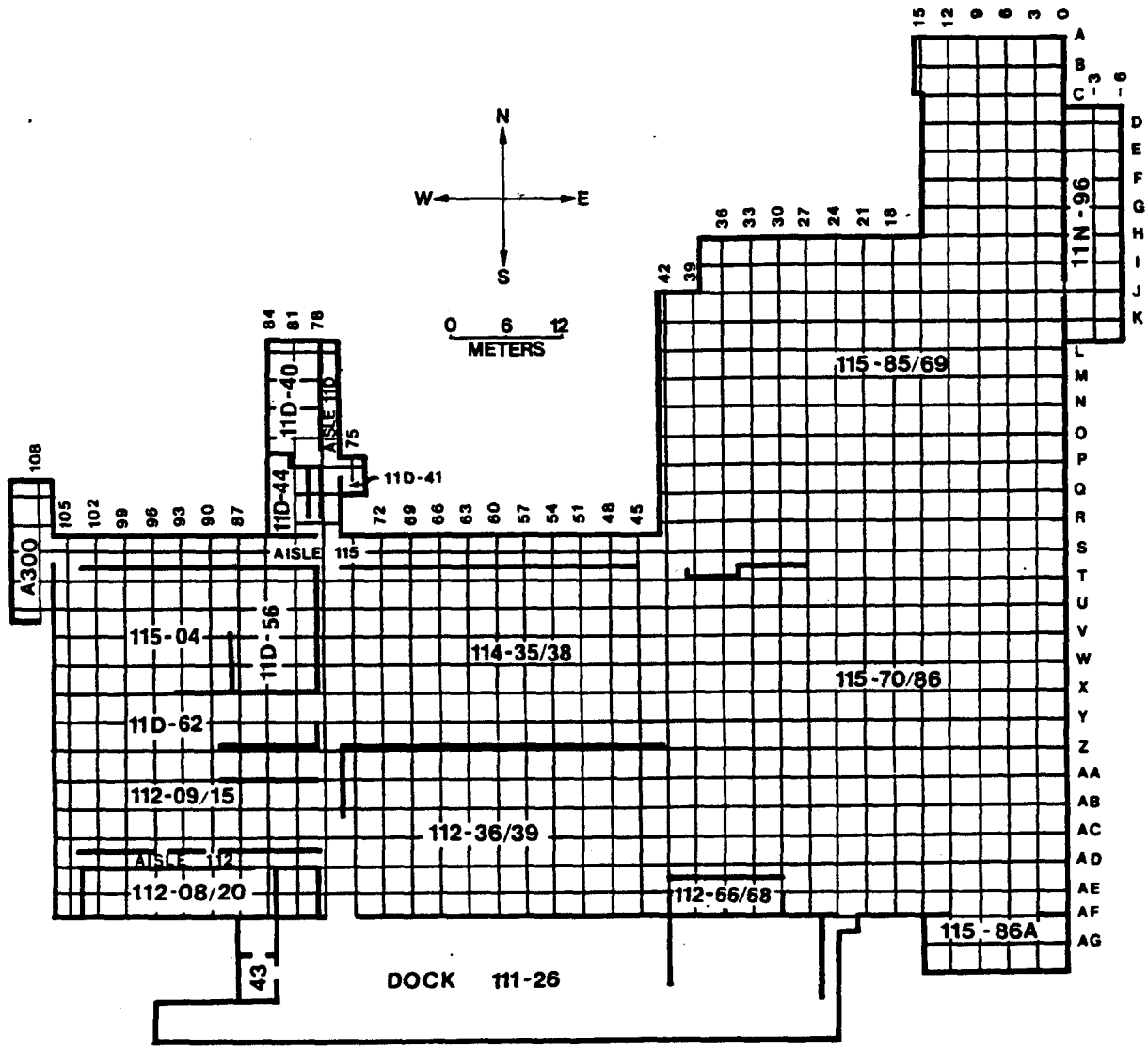


FIGURE 7: Grid System Established for Survey Reference, Building 001, Phase I.

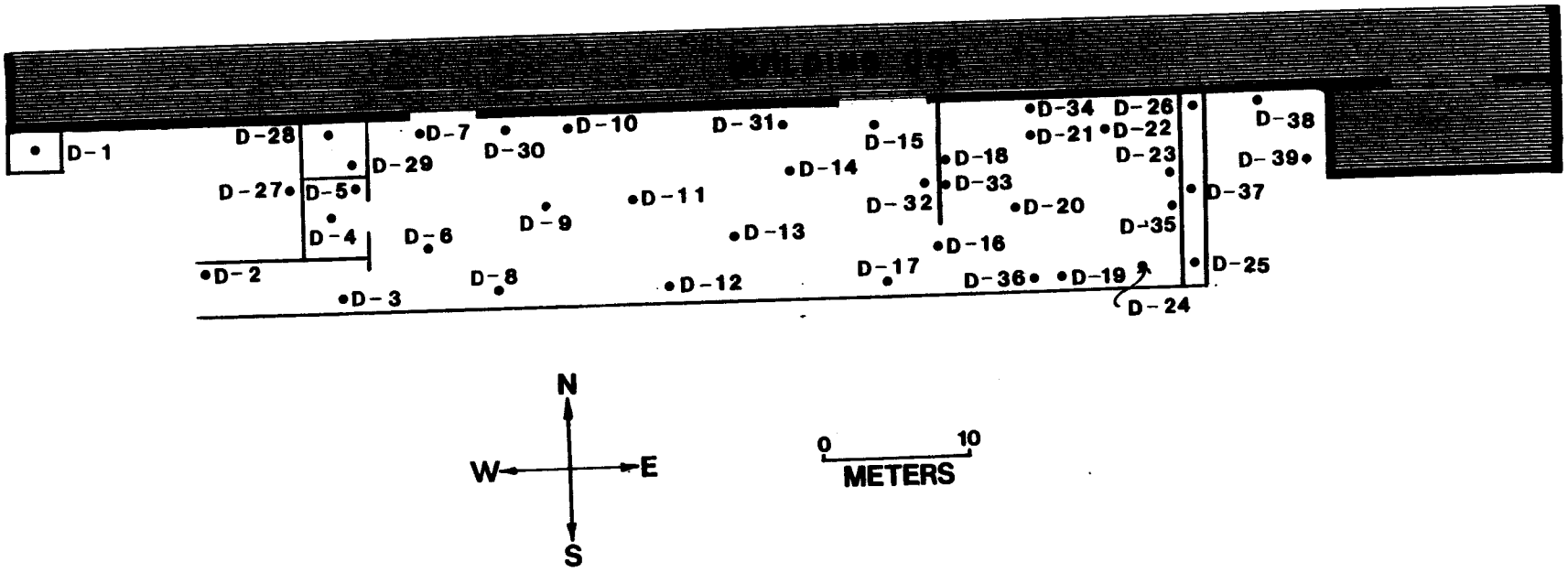


FIGURE 8: Location of Measurements for Direct Radiation and Removable Contamination on Loading Docks, Building 001, Phase I.

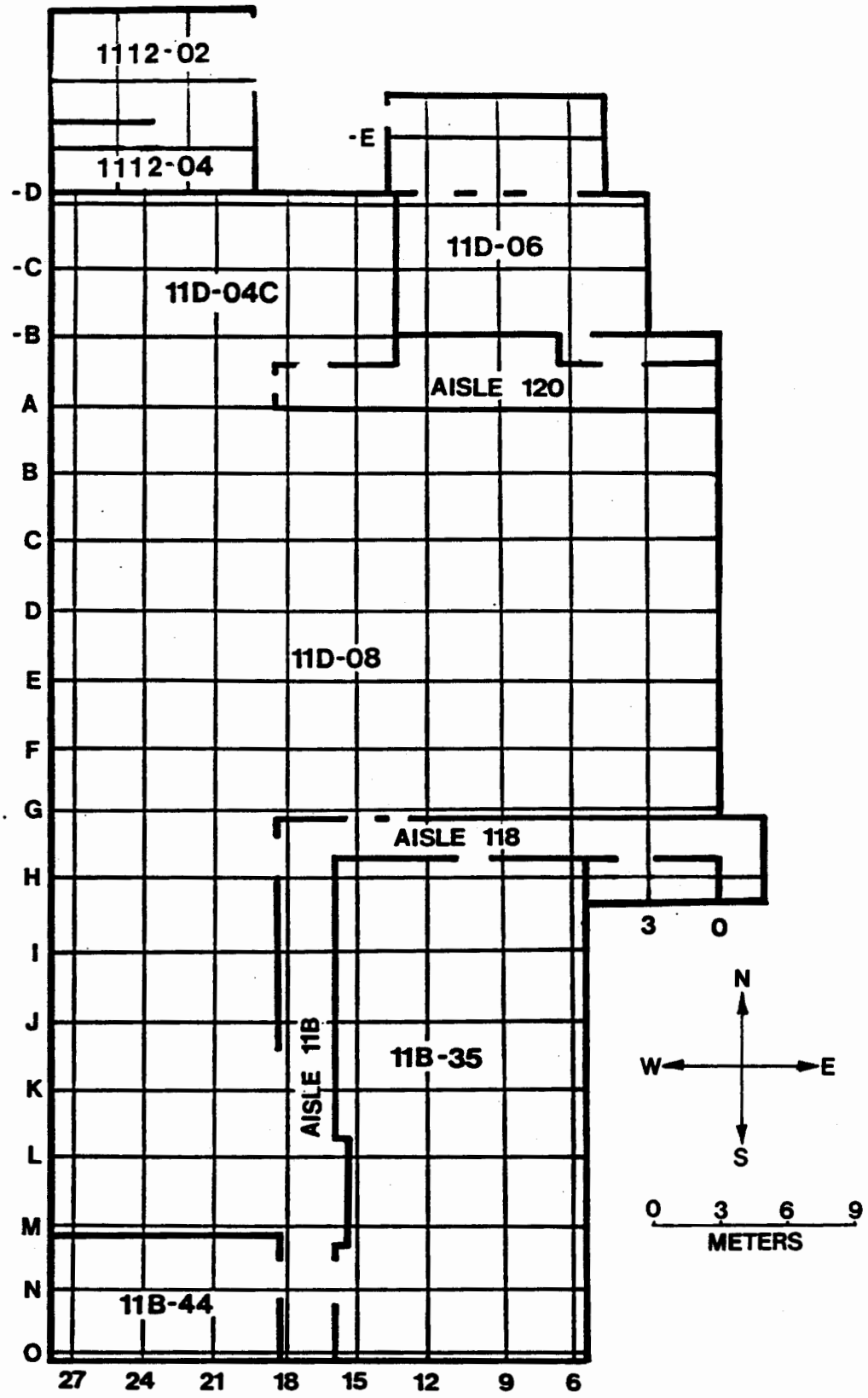


FIGURE 9: Grid System Established for Survey Reference, Building 001, Phase II.

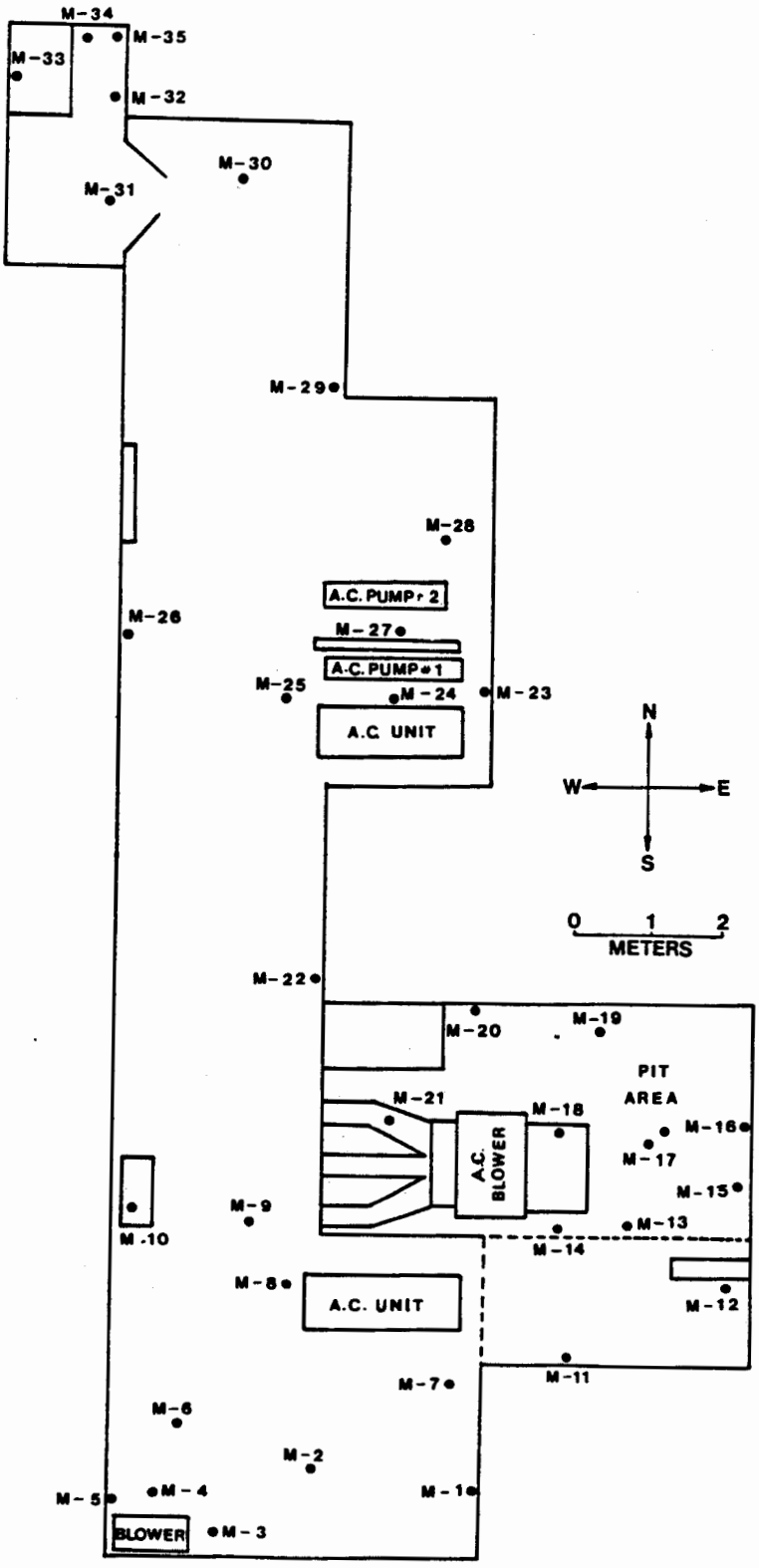


FIGURE 10: Location of Measurements for Direct Radiation and Removable Contamination on the Mezzanine, Building 001, Phase II.

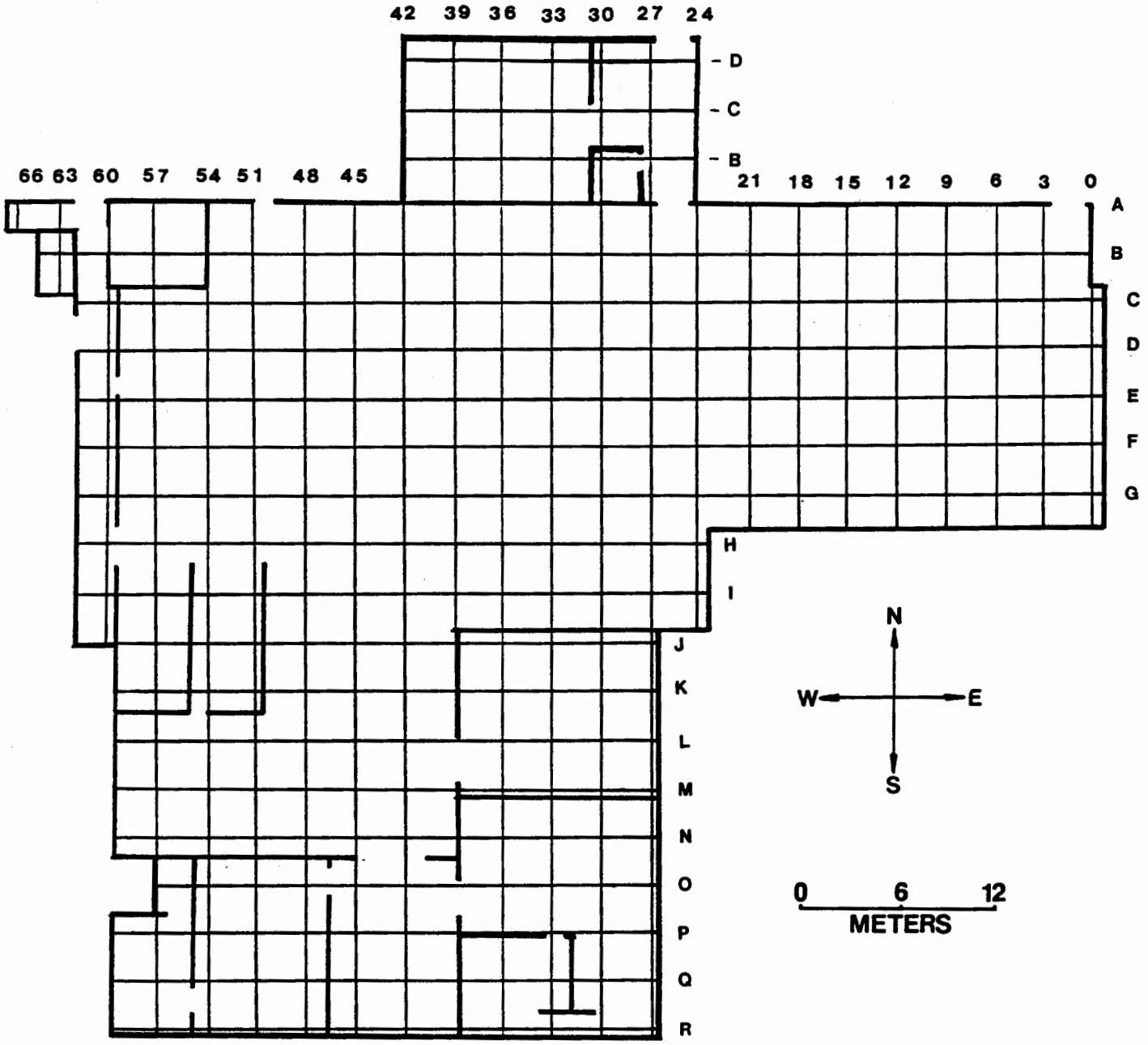


FIGURE 11: Grid System Established for Survey Reference, Building 001, Phase III.

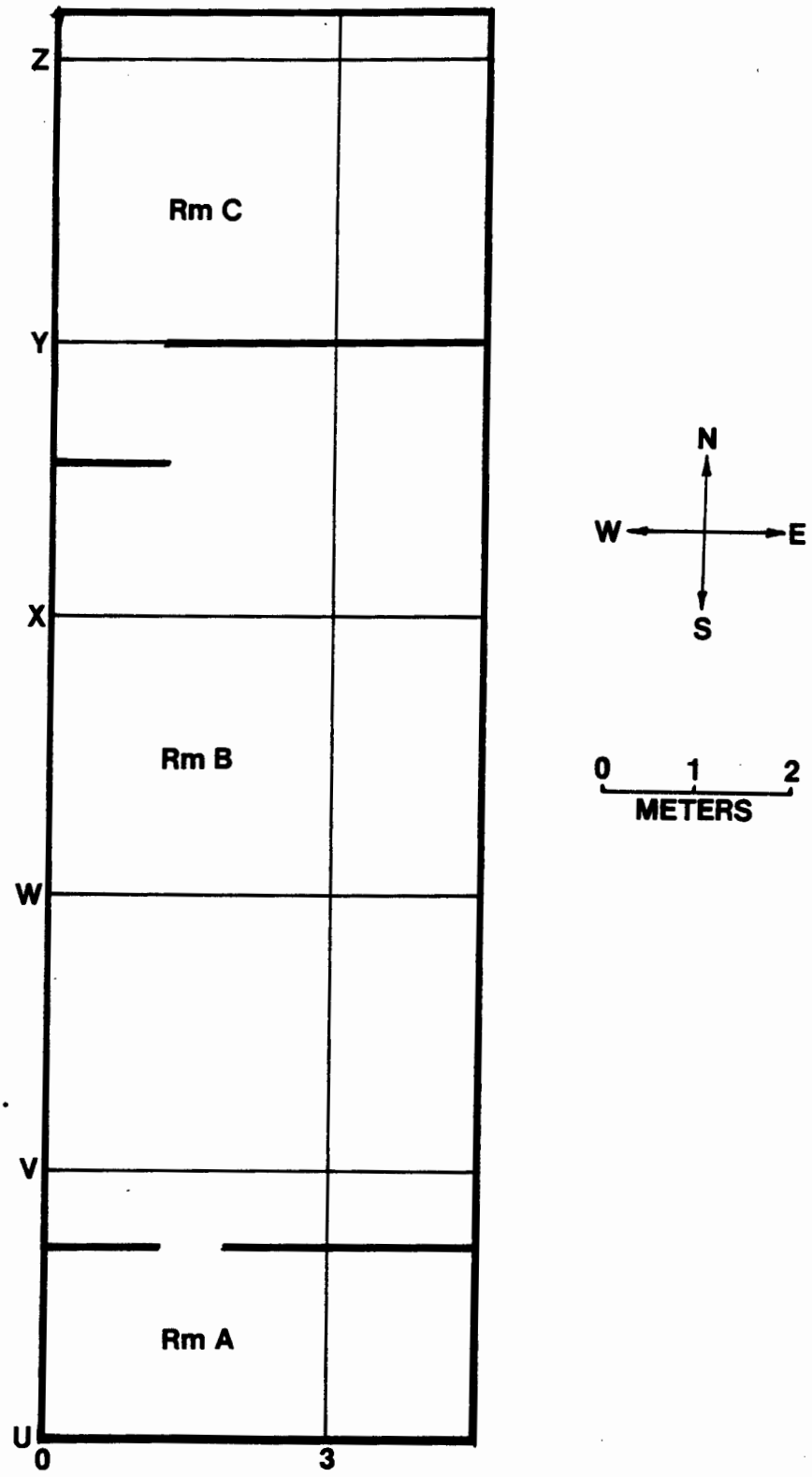


FIGURE 12: Grid System Established for Survey Reference, Building 131, Phase III.

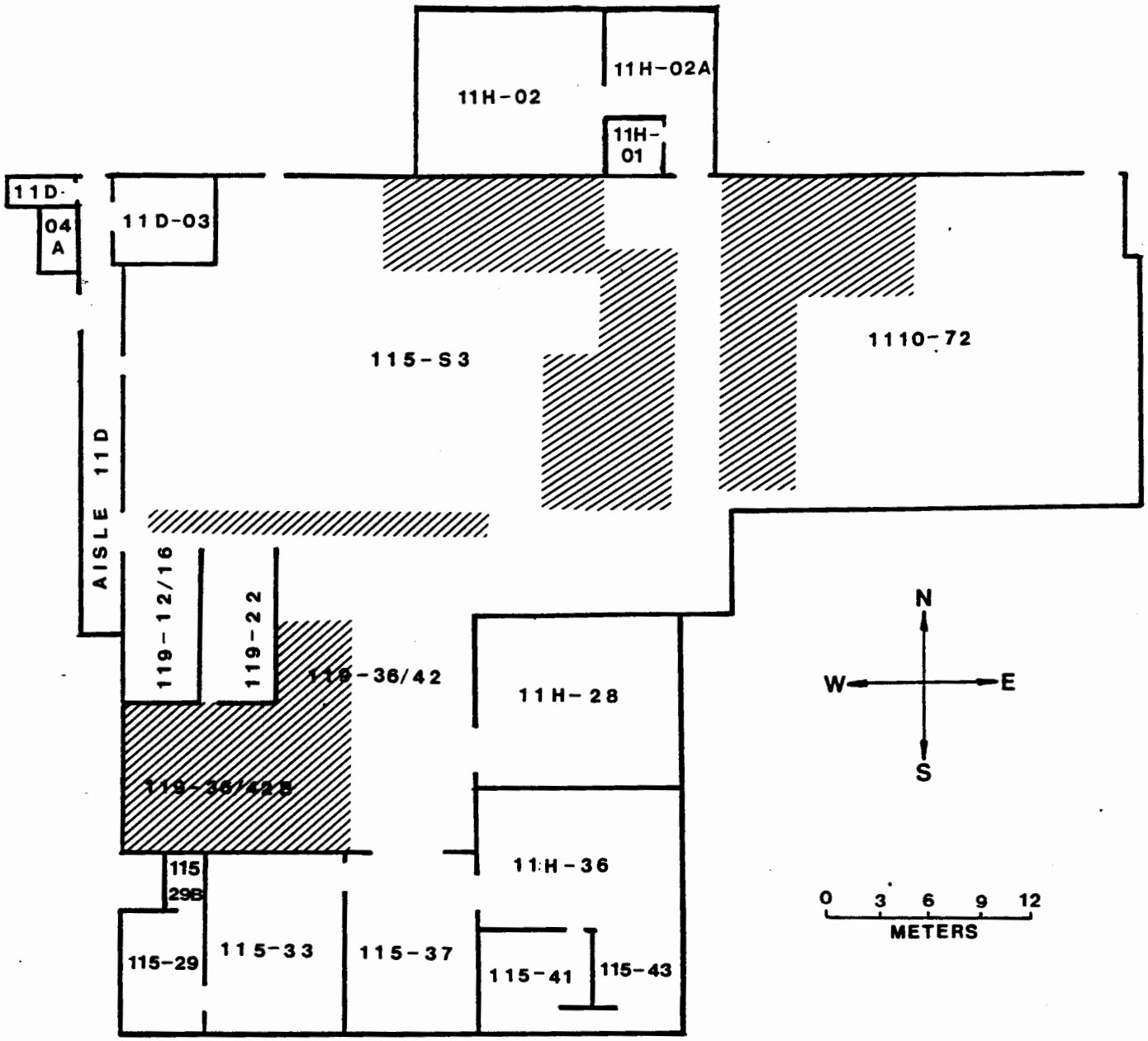


FIGURE 13: Locations Where Measurements for Direct Radiation and Removable Contamination were Performed in 50% of the Grid Blocks, Building 001, Phase III.

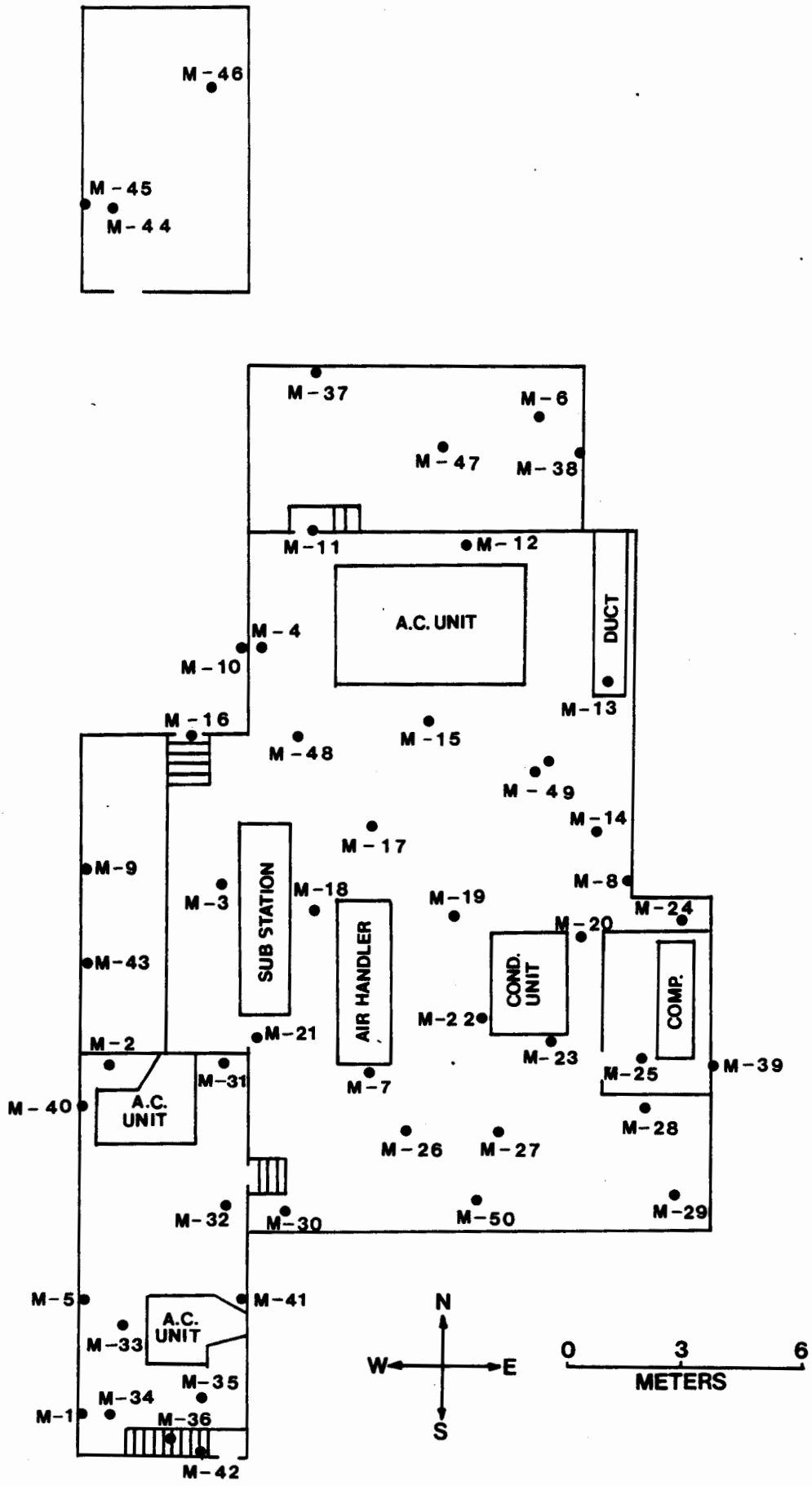


FIGURE 14. Locations of Measurements for Direct Radiation and Removable Contamination in the Mezzanine Building 001, Phase III.

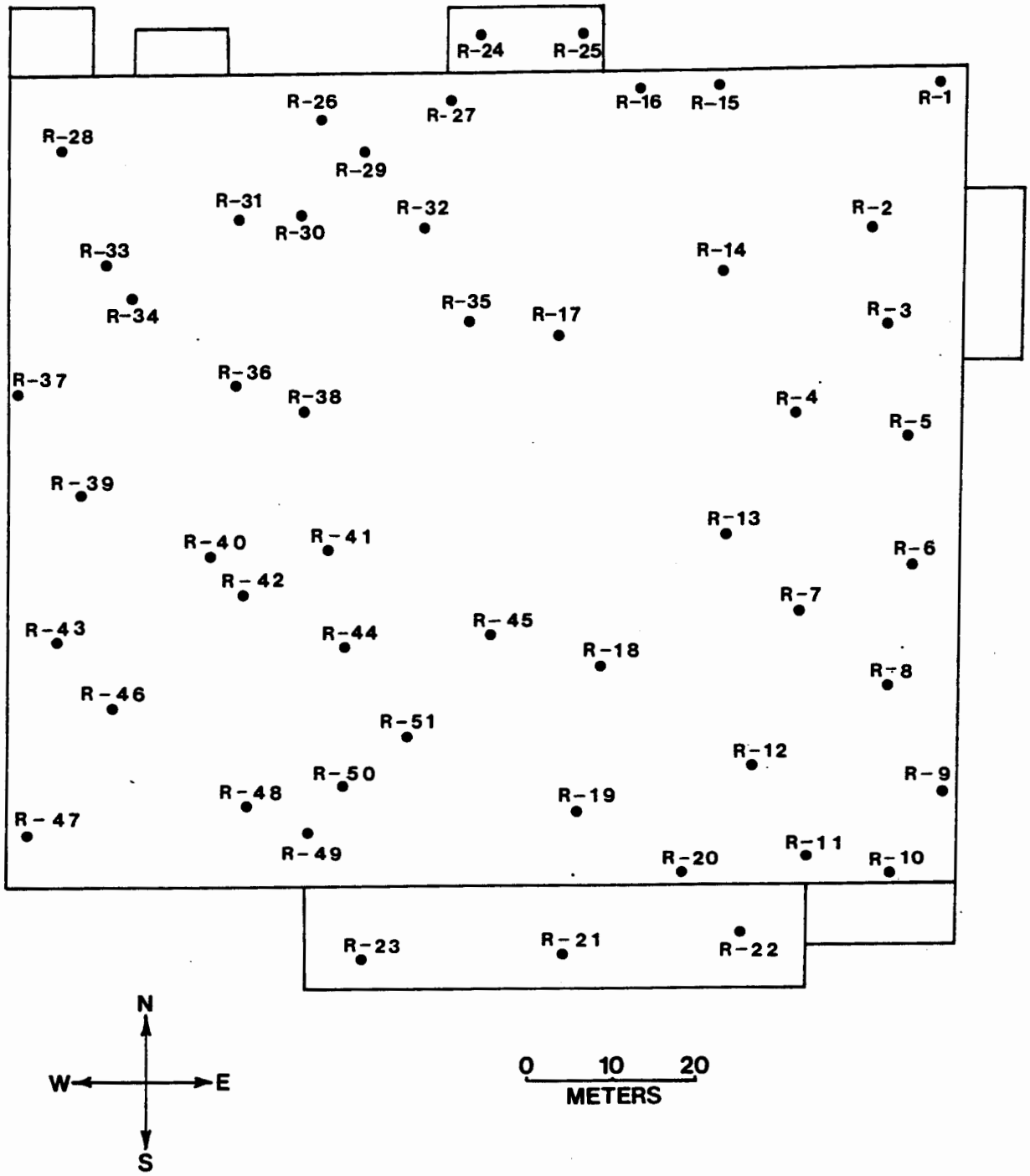


FIGURE 15. Locations of Measurements for Direct Radiation and Removable Contamination on the Roof, Building 001, Phase III.

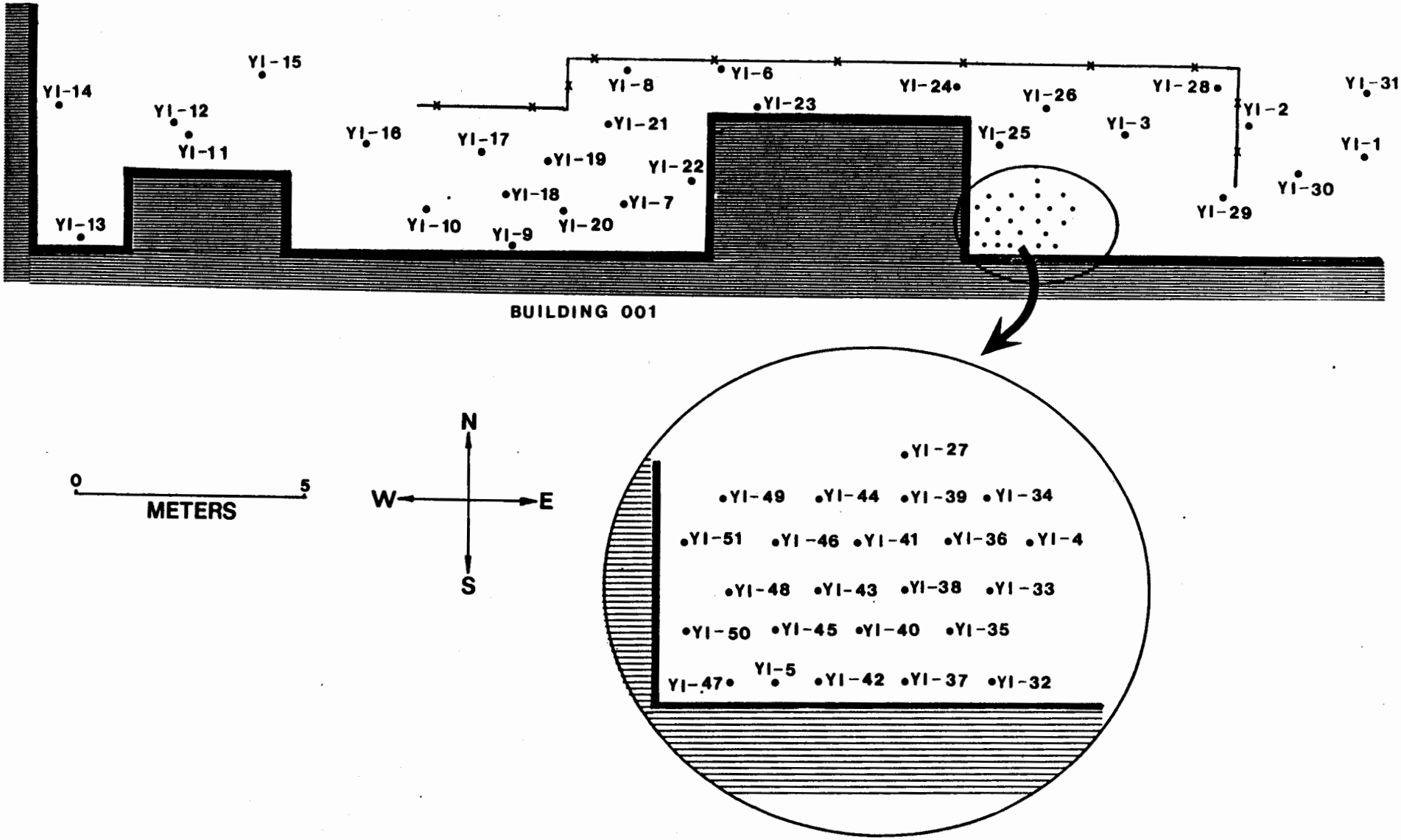


FIGURE 16. Locations of Measurements for Direct Radiation and Removable Contamination in Yard Y1, Phase III.

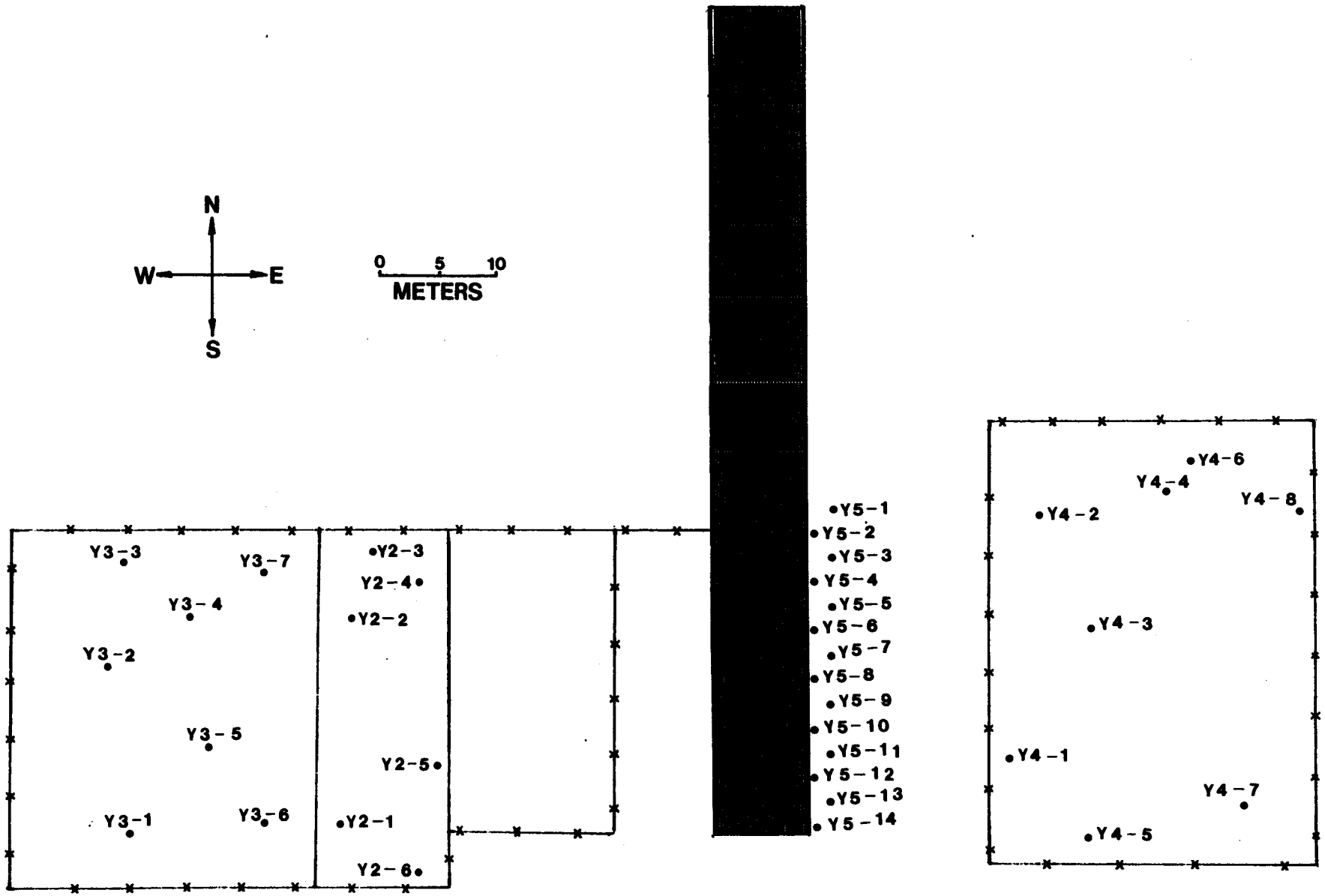


FIGURE 17. Locations of Measurements for Direct Radiation and Removable Contamination in Yards Y2, Y3, Y4, and Y5, Phase III.

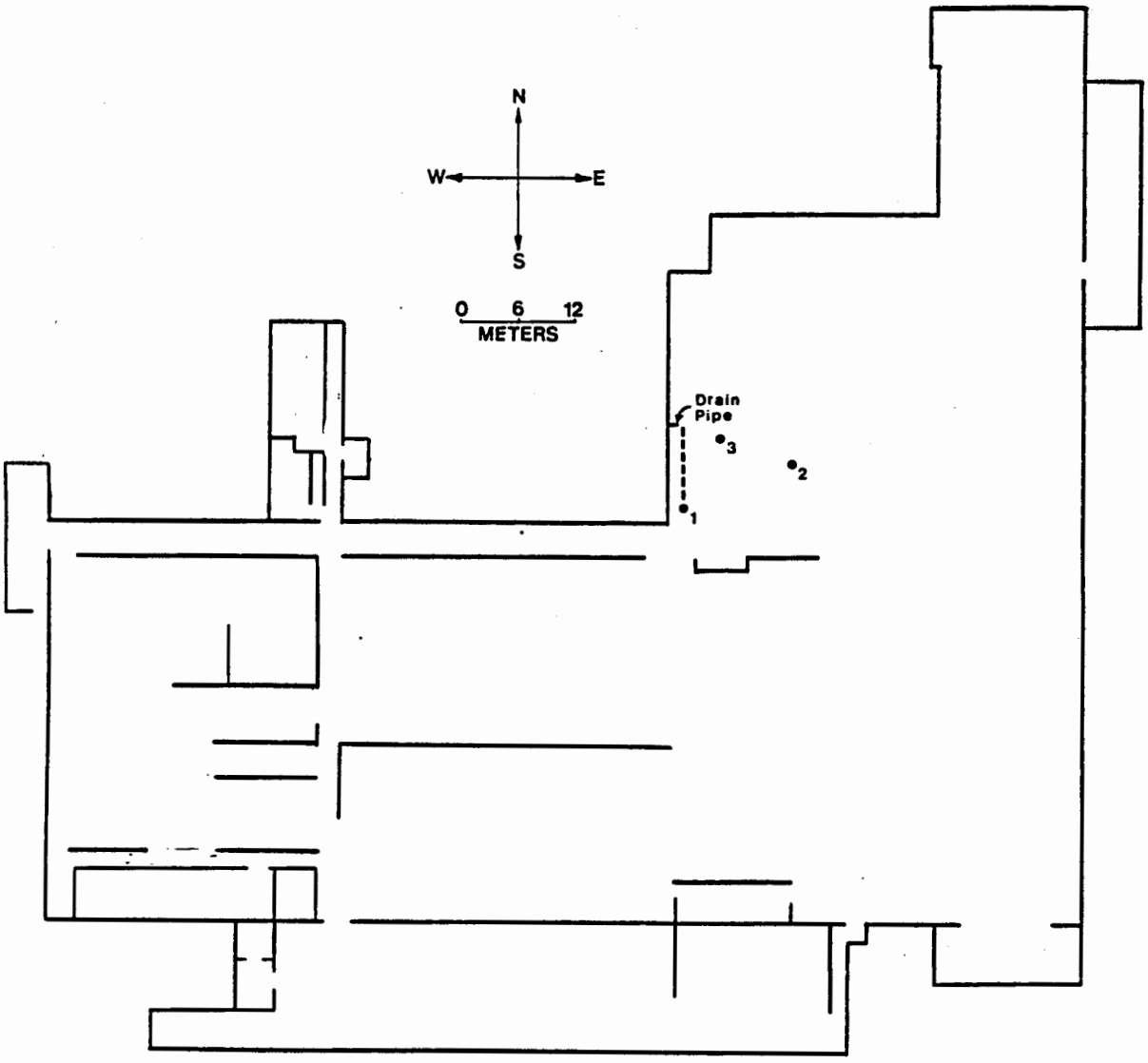


FIGURE 18: Locations of Elevated Direct Radiation Identified by the Beta-Gamma Surface Scan - Phase I.

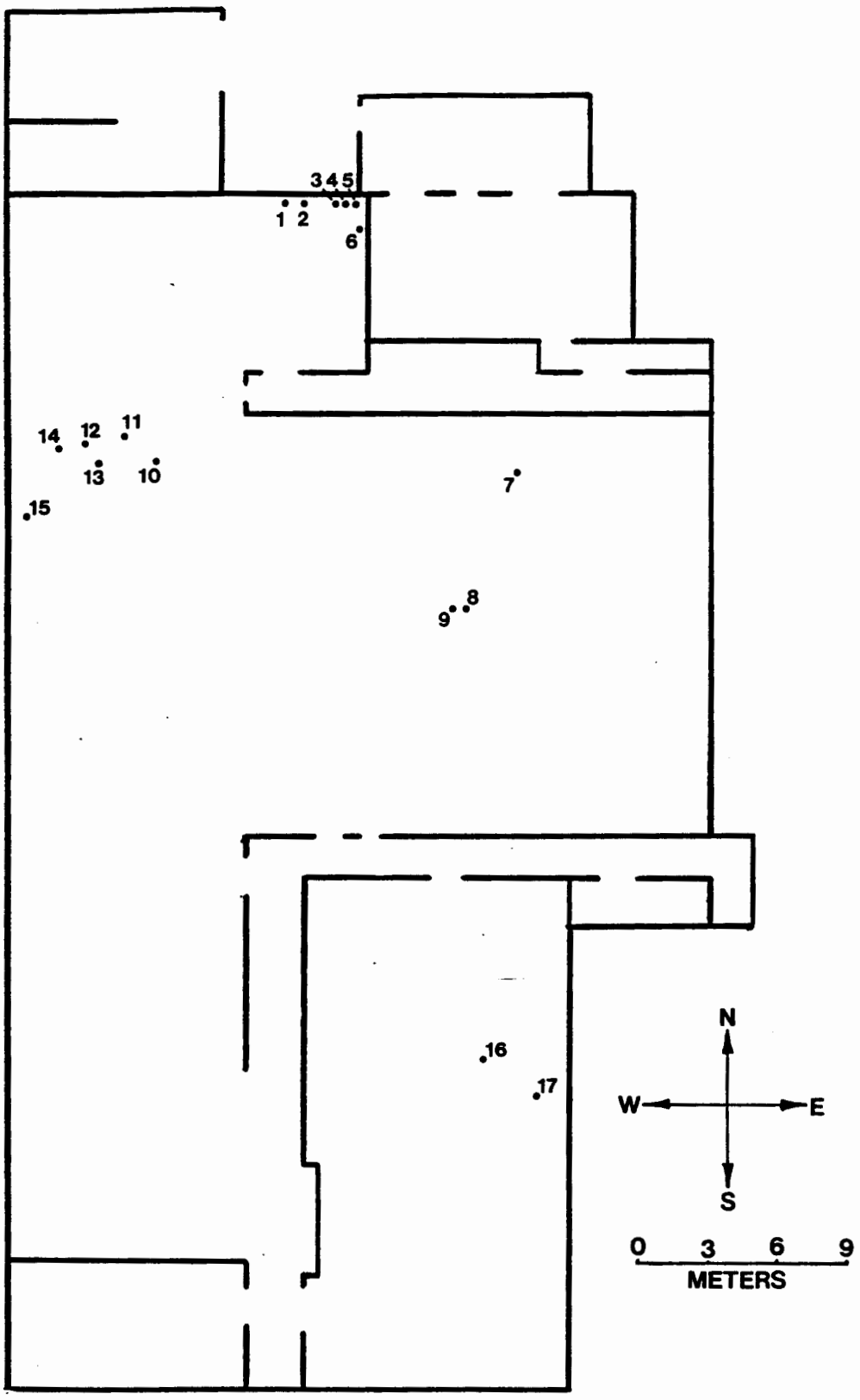


FIGURE 19: Locations of Elevated Direct Radiation Identified by the Beta-Gamma Surface Scan - Phase II.

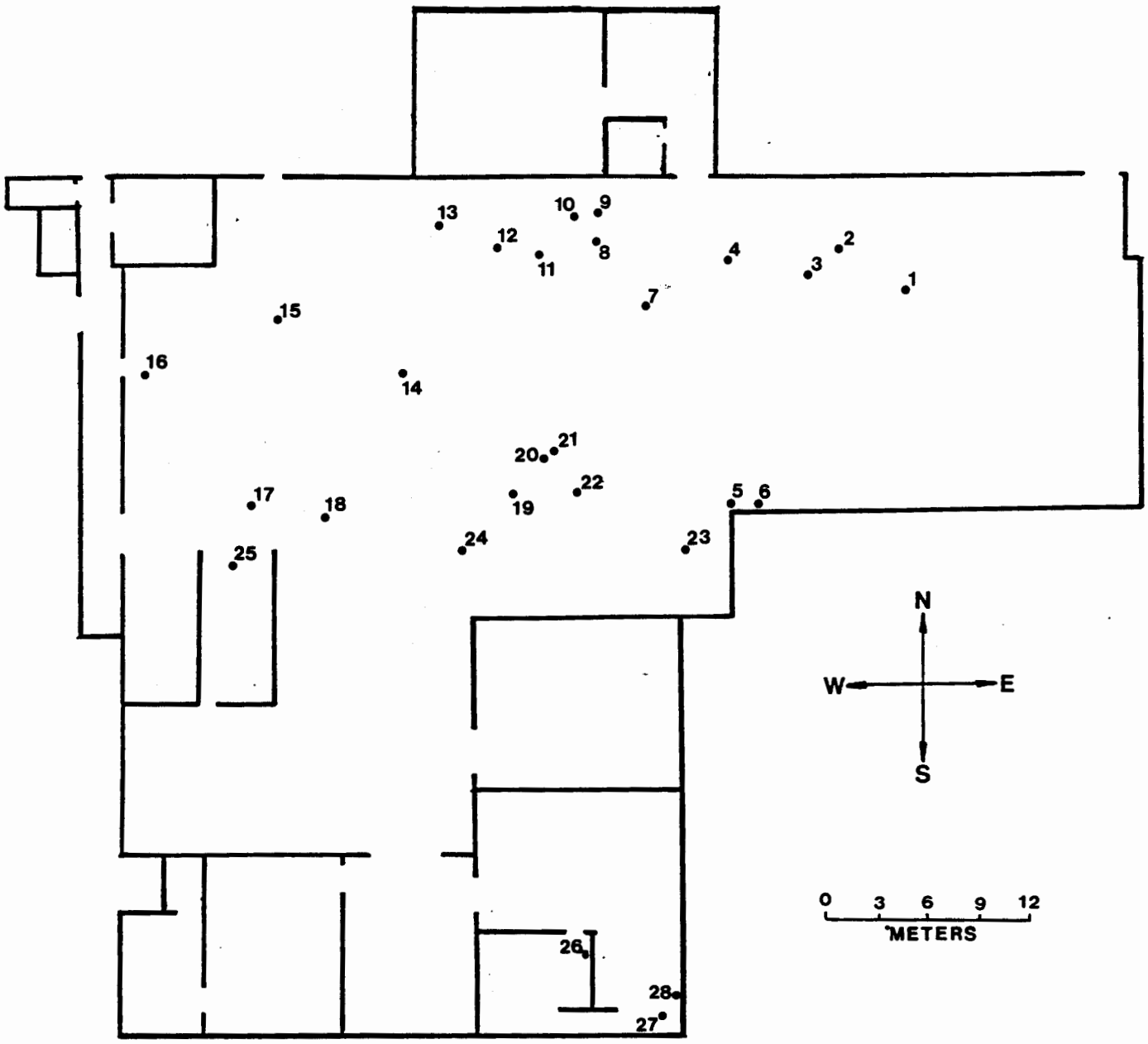


FIGURE 20: Locations of Elevated Direct Radiation Identified by the Beta-Gamma Surface Scan - Phase III, Building 001, and Yard Y1.

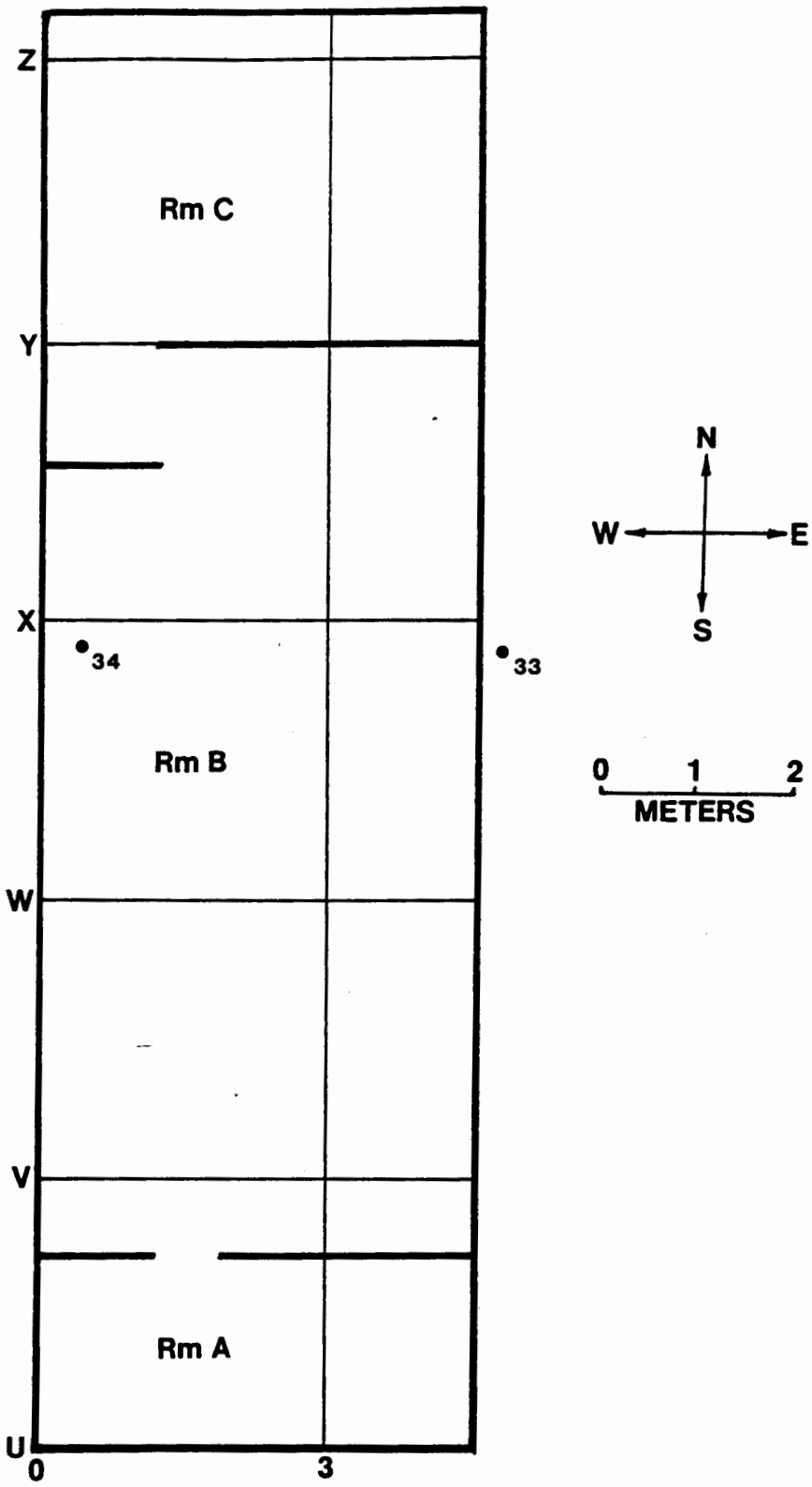


FIGURE 21: Locations of Elevated Direct Radiation Identified by the Beta-Gamma Surface Scan - Phase III, Building 131, and Yard Y5.

TABLE 1A

SUMMARY OF SURVEY RESULTS
PHASE I

Location[a]	Number of Measurements[b]	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha (dpm/100 cm^2)		Beta-Gamma (dpm/100 cm^2)		Beta-Gamma (mrad/h)		Alpha (dpm/100 cm^2)		Beta (dpm/100 cm^2)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Room 11D-40/41/44											
FLOOR	119	120	26	1200	250	0.043	0.019	4	1	11	3
Room 11D-56											
FLOOR	65	120	30	1400	410	0.049	0.024	2	1	6	3
WALLS	15	71	32	730	120	0.032	0.016	1	1	6	5
Room 11D-62											
FLOOR	95	94	36	1800	690	0.059	0.031	1	0	6	3
WALLS	10	47	24	730	150	0.032	0.017				
Room 11N-96											
WALLS	20	120	46	670	190	0.030	0.018	0	0	6	2
Dock 111-26											
FLOOR	109	280	50	1400	360	0.049	0.022	5	0	6	3
WALLS	65	300	160	780	150	0.033	0.017	2	0	10	2
Aisle 112											
FLOOR	55	140	28	1200	290	0.043	0.020	2	0	6	2
WALLS	25	71	21	560	160	0.027	0.017	1	0	8	3

TABLE 1A, cont.

SUMMARY OF SURVEY RESULTS
PHASE I

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Room 112-08/20											
FLOOR	74	94	22	1400	450	0.049	0.025	4	1	6	2
WALLS	35	120	30	840	210	0.034	0.018	1	0	5	1
Room 112-09/15											
FLOOR	165	140	33	1700	500	0.056	0.026	4	1	12	3
Room 112-36/69											
FLOOR	360	170	30	1800	720	0.060	0.031	2	0	12	3
WALLS	65	170	33	1700	310	0.056	0.021	1	0	8	4
CEILING	40	120	36	840	82	0.034	0.015	2	1	4	2
Room 112-66/68											
FLOOR	30	380	45	1100	420	0.040	0.011	2	1	6	3
WALLS	55	310	110	390	20	0.023	0.014	2	1	7	4
Room 114-35/38											
FLOOR	425	140	30	1700	690	0.057	0.032	4	0	16	3
WALLS	25	94	31	560	140	0.027	0.016	2	1	7	5
CEILING	40	94	30	610	86	0.029	0.015	1	1	4	1

TABLE 1A, cont.

SUMMARY OF SURVEY RESULTS
PHASE I

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Aisle 115/A300											
FLOOR	160	120	31	1500	370	0.050	0.022	2	0	7	3
WALLS	45	94	34	560	69	0.013	0.017	2	1	8	4
Room 115-04											
FLOOR	175	140	27	1400	390	0.049	0.023	2	1	14	7
Room 115-70/86											
FLOOR	810	590	29	1800	510	0.060	0.026	5	0	33	3
WALLS	145	283	79	950	220	0.037	0.019	1	0	10	3
CEILING	80	566	210	130	100	0.032	0.016	1	0	5	2
Room 115-85/69											
FLOOR	905	880	49	5100	690	0.143	0.030	18	1	19	3
WALLS	235	190	40	1400	160	0.049	0.017	5	1	7	3
CEILING	90	330	84	670	82	0.030	0.015	4	0	7	2
Room 115-86A											
FLOOR	45	94	28	1300	680	0.047	0.030	4	1	7	6
WALLS	35	280	140	890	220	0.036	0.019	2	0	6	2
CEILING	5	190	160	220	88	0.019	0.015	0	0	0	4

TABLE 1A, cont.

SUMMARY OF SURVEY RESULTS
PHASE I

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Mezzanine											
FLOOR	20	140	37	560	130	0.027	0.017	1	0	5	3
NRC Guideline		15,000	5,000	15,000	5,000	1.000	0.200	1,000	-	1,000	-

[a] Refer to Figures 7 and 8.
[b] Refers to number of direct measurements only. Number of measurements of removable contamination is 20% of direct measurements.

TABLE 1B

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE I

Location[a]	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
1	115-85/69	R,39	Drain	-	20,000	-[b]	-[b]
2	115-85/69	P,27	Floor	-	27,000	47	2,800
3	115-85/69	0,36	Drain Cover	-	27,000	130	3,900
NRC Guideline				15,000	15,000	15,000	15,000

[a] Refer to Figure 18.
[b] Measurements performed by NRC Region V.

TABLE 2A

SUMMARY OF SURVEY RESULTS
PHASE II

Location[a]	Number of Measurements[b]	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha (dpm/100 cm^2)		Beta-Gamma (dpm/100 cm^2)		Beta-Gamma (mrad/h)		Alpha (dpm/100 cm^2)		Beta (dpm/100 cm^2)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Aisle 11B											
FLOOR	40	170	47	1800	790	0.056	0.033	7	3	33	9
WALLS	55	91	25	610	130	0.027	0.016	2	1	9	4
CEILING	40	120	23	850	340	0.033	0.022	1	1	7	5
Room 11B-35											
FLOOR	130	120	24	1500	730	0.047	0.032	4	1	7	4
WALLS	105	97	24	850	130	0.033	0.016	2	0	9	5
CEILING	120	120	17	1000	320	0.037	0.021	2	1	8	3
Room 11B-44											
FLOOR	42	170	52	1700	840	0.053	0.034	5	2	8	3
WALLS	55	73	18	920	170	0.034	0.017	2	0	6	3
CEILING	40	460	110	1000	340	0.037	0.022	5	2	6	3
Room 11D-04C											
FLOOR	85	97	21	1500	610	0.047	0.029	7	1	11	5
WALLS	55	410	17	920	300	0.034	0.021	4	1	7	4
CEILING	75	97	14	1200	360	0.040	0.022	4	1	7	3

TABLE 2A, cont.

SUMMARY OF SURVEY RESULTS
PHASE II

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha (dpm/100 cm^2)		Beta-Gamma (dpm/100 cm^2)		Beta-Gamma (mrad/h)		Alpha (dpm/100 cm^2)		Beta (dpm/100 cm^2)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Room 11D-06											
FLOOR	80	48	8	1200	370	0.040	0.022	4	1	8	3
WALLS	80	72	13	1800	410	0.045	0.024	1	0	6	3
CEILING	70	170	17	1000	170	0.037	0.017	4	0	10	3
Room 11D-08											
FLOOR	409	360	57	3300	910	0.090	0.036	10	3	11	4
WALLS	177	97	19	2100	240	0.063	0.019	65	3	13	4
CEILING	380	1400	67	1500	380	0.047	0.023	100	3	28	4
Aisle 118											
FLOOR	35	120	26	1700	430	0.053	0.024	2	1	6	4
WALLS	95	97	27	670	73	0.029	0.015	10	1	7	3
CEILING	35	73	10	670	140	0.029	0.017	2	0	6	3
Aisle 120											
FLOOR	40	170	30	1200	640	0.040	0.029	11	2	8	4
WALLS	100	73	10	730	99	0.030	0.016	4	1	9	4
CEILING	29	73	12	980	330	0.036	0.022	1	0	7	4
Room 1112-02/04											
FLOOR	45	120	50	1500	730	0.047	0.032	2	1	8	4
WALLS	100	270	31	2000	720	0.060	0.031	2	1	6	3
CEILING	45	73	16	920	130	0.034	0.016	2	0	5	3

TABLE 2A, cont.

SUMMARY OF SURVEY RESULTS
PHASE II

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Mezzanine FLOORS & WALLS	175	150	27	1200	130	0.042	0.016	5	1	9	4
NRC Guideline		15,000	5,000	15,000	5,000	1.000	0.200	1,000	0	1,000	-

[a] Refer to Figures 9 and 10.
[b] Refers to number of direct measurements only. Number of measurements of removable contamination is 20% of direct measurements.

TABLE 2B

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE II

Location[a]	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
1	11D-04C	-D,15	Wall (baseboard)	0	22,000	120	2,000
2	11D-04C	-D,15	Wall (baseboard)	24	21,000	73	3,000
3	11D-04C	-D,12	Wall (baseboard)	24	31,000	48	2,900
4	11D-04C	-D,12	Wall (baseboard)	97	20,000	24	550
5	11D-04C	-D,12	Wall (baseboard)	24	14,000	73	4,300
6	11D-04C	-C,15	Wall (baseboard)	0	11,000	120	850
7	11D-08	A,6	Floor	73	18,000	0	0
8	11D-08	C,9	Wall	73	18,000	0	0

TABLE 2B, cont.

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE II

Location	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
9	11D-08	C,9	Wall (Pillar)	73	12,000	0	180
10	11D-08	A,21	Floor	48	3,100	97	1,600
11	11D-08	A,21	Floor	390	7,700	73	1,300
12	11D-08	A,24	Floor	48	5,800	97	0
13	11D-08	A,24	Floor	120	8,700	48	980
14	11D-08	A,24	Floor	2,100	110,000	24	2,200
15	11D-08	B,27	Wall (Pillar)	0	5,200	48	180
16	11B-35	J,6	Floor	270	34,000	0	850
17	11B-35	J,6	Floor	97	23,000	24	1,400
NRC Guideline				15,000	15,000	15,000	15,000

[a] Refer to Figure 19.

TABLE 3A

SUMMARY OF SURVEY RESULTS
PHASE III

Location[a]	Number of Measurements[b]	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha (dpm/100 cm^2)		Beta-Gamma (dpm/100 cm^2)		Beta-Gamma (mrad/h)		Alpha (dpm/100 cm^2)		Beta (dpm/100 cm^2)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Aisle 110											
FLOOR	15	110	53	1300	580	0.042	0.027	2	1.0	6	4
WALLS	55	110	20	450	130	0.023	0.015	3	0.5	6	4
CEILING	5	45	27	130	39	0.016	0.014	0	0	8	8
Room 11D-03											
FLOOR	25	110	31	1700	820	0.052	0.031	1	0	5	3
WALLS	30	90	28	1000	210	0.036	0.018	1	0	6	4
Room 11D-04A											
FLOOR	20	140	50	1300	600	0.042	0.027	2	1	5	3
Room 11H-01											
FLOOR	5	90	63	1800	1,100	0.053	0.039	4	4	3	3
WALLS	10	110	34	1300	600	0.043	0.026	0	0	3	2
CEILING	5	68	27	380	170	0.022	0.017	0	0	1	1
Room 11H-02											
FLOOR	25	90	36	2000	1,200	0.057	0.040	2	0	5	3
WALLS	40	68	20	1300	370	0.043	0.021	7	1	4	3
CEILING	10	68	18	1500	670	0.046	0.028	1	1	5	3
Room 11H-02A											
FLOOR	15	90	43	1700	1,100	0.052	0.037	2	1	7	5
WALLS	30	90	23	1900	840	0.054	0.032	2	1	9	3
CEILING	5	23	9	380	280	0.022	0.019	0	0	0	0

TABLE 3A, cont.

SUMMARY OF SURVEY RESULTS
PHASE III

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Room 11H-28											
FLOOR	25	480	240	2200	970	0.062	0.035	25	10	12	5
WALLS	45	90	32	770	80	0.030	0.015	21	7	7	4
CEILING	15	45	17	450	73	0.023	0.015	1	0	3	2
Room 11H-36											
FLOOR	25	410	170	1600	780	0.049	0.031	10	5	8	5
WALLS	25	110	29	770	72	0.030	0.015	10	4	7	4
CEILING	10	23	16	380	83	0.022	0.015	1	1	0	0
Room 115-29											
FLOOR	35	140	52	1600	850	0.049	0.032	4	2	6	4
WALLS	25	68	24	320	49	0.010	0.014	5	2	4	2
CEILING	5	45	23	640	330	0.027	0.020	0	0	5	5
Room 115-29B											
FLOOR	15	160	57	1200	740	0.040	0.030	2	1	5	4
WALLS	15	90	27	260	52	0.019	0.014	5	3	5	3
CEILING	5	68	23	320	170	0.020	0.017	0	0	2	2
Room 115-33											
FLOOR	25	110	50	2200	850	0.062	0.032	2	1	2	1
WALLS	30	90	27	380	51	0.022	0.014	5	2	8	4
CEILING	10	90	48	900	150	0.033	0.016	0	0	4	3

TABLE 3A, cont.

SUMMARY OF SURVEY RESULTS
PHASE III

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Room 115-37											
FLOOR	25	230	130	1600	940	0.049	0.034	10	6	6	5
WALLS	35	10	34	640	68	0.027	0.015	12	4	14	7
CEILING	10	45	29	130	32	0.016	0.014	1	1	5	3
Room 115-41											
FLOOR	15	930	260	1800	1100	0.053	0.036	11	7	4	3
WALLS	25	90	42	380	62	0.022	0.014	5	2	8	5
CEILING	5	45	14	130	39	0.016	0.014	0	0	0	0
Room 115-43											
FLOOR	91	2800	410	2400	960	0.067	0.035	2	6	9	5
WALLS	20	140	34	320	54	0.020	0.014	1	0	5	2
CEILING	5	90	23	190	130	0.017	0.016	0	0	4	4
Room 119-S3											
FLOOR	560	660	110	6100	1100	0.149	0.037	6	4	15	4
WALLS	75	140	34	1300	320	0.042	0.020	17	3	8	4
CEILING	60	160	40	700	91	0.029	0.015	4	1	7	3
Room 119-12/16											
FLOOR	40	180	78	1200	650	0.040	0.028	2	1	8	5
WALLS	20	90	27	320	41	0.020	0.014	2	1	7	4
CEILING	5	68	41	130	26	0.016	0.014	0	0	17	17

TABLE 3A, cont.

SUMMARY OF SURVEY RESULTS
PHASE III

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Room 119-22											
FLOOR	24	160	78	20,000[c]	1600	0.452[c]	0.049	4	2	18	8
WALLS	20	68	35	380	35	0.022	0.014	0	0	5	3
CEILING	5	45	36	770	330	0.030	0.020	0	0	2	2
Room 119-36/42											
FLOOR	242	340	85	2,700	920	0.073	0.034	20	6	12	5
WALLS	55	140	41	1,000	95	0.036	0.015	10	3	9	4
CEILING	25	68	18	580	82	0.026	0.015	1	0	5	3
Room 119-37/42B											
FLOOR	104	500	220	1,900	1700	0.056	0.050	15	5	13	4
WALLS	30	90	27	260	37	0.019	0.014	4	2	4	3
CEILING	10	45	9	450	240	0.023	0.018	0	0	3	3
Room 1110-72											
FLOOR	492	1800	140	10,000	1200	0.246	0.041	51	8	16	6
WALLS	95	110	29	1,400	300	0.044	0.020	11	2	10	2
CEILING	50	110	21	510	59	0.024	0.014	2	1	5	3
Mezzanine											
FLOOR & WALLS	250	930	50	1,300	380	0.042	0.021	10	2	8	3
Roof											
FLOOR	255	160	44	1,700	180	0.051	0.017	4	1	9	3
Yard Y1											
FLOOR	203	810	18	3,300	1600	0.086	0.048	11	1	11	3

TABLE 3A, cont.

SUMMARY OF SURVEY RESULTS
PHASE III

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Yard Y1, Pit P1 FLOOR & WALLS	16	68	19	770	300	0.030	0.020	1	1	3	2
Yard Y1, Pit P2 FLOOR & WALLS	15	140	85	1600	870	0.049	0.032	1	0	4	3
Yard Y1, Pit P3 FLOOR & WALLS	17	590	230	3300	1400	0.086	0.045	7	2	4	4
Yard Y1, Pit P4 FLOOR & WALLS	15	68	20	1900	870	0.054	0.033	0	0	3	1
Yard Y2 FLOOR	30	68	35	1700	1000	0.050	0.036	1	0	5	3
Yard Y3 FLOOR	35	110	39	1700	1100	0.040	0.027	1	0	4	3
Yard Y4 FLOOR	35	110	39	2200	1200	0.062	0.040	1	1	5	2
Yard Y5 FLOOR	75	90	25	2000	1100	0.057	0.038	2	0	3	1

TABLE 3A, cont.

SUMMARY OF SURVEY RESULTS
PHASE III

Location	Number of Measurements	TOTAL CONTAMINATION						REMOVABLE CONTAMINATION			
		Alpha ($dpm/100\ cm^2$)		Beta-Gamma ($dpm/100\ cm^2$)		Beta-Gamma (mrad/h)		Alpha ($dpm/100\ cm^2$)		Beta ($dpm/100\ cm^2$)	
		Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average
Building 131 Room A											
FLOOR	23	68	34	1500	790	0.046	0.031	1	0	10	4
WALLS	15	180	54	640	130	0.027	0.016	1	0	8	6
CEILING	5	140	63	320	100	0.020	0.015	1	1	5	5
Building 131 Room B											
FLOOR	112	250	36	2300	1000	0.064	0.036	4	1	12	4
WALLS	20	90	32	1600	610	0.049	0.027	2	1	6	3
CEILING	10	90	45	700	240	0.029	0.018	1	1	4	3
Building 131 Room C											
FLOOR	38	90	36	2000	1200	0.057	0.040	2	1	18	6
WALLS	25	90	35	2000	1400	0.057	0.044	0	0	5	2
CEILING	5	68	36	510	270	0.024	0.019	0	0	1	1
NRC Guideline		15,000	5,000	15,000	5,000	1.000	0.200	1,000	-	1,000	-

[a] Refer to Figures 11-17.
[b] Refers to number of direct measurements only. Number of measurements of removable contamination is 20% of direct measurements.
[c] Prior to decontamination.

TABLE 3B

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE III

Location[a]	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
1	1110-72	C,12	Floor	23	17,000	68	1,800
2	1110-72	B,15	Floor	2,400	5,600	450	510
3	1110-72	B,18	Floor	68	4,900	180	1,200
4	1110-72	B,21	Floor	1,400	12,000	930	2,400
5	1110-72	G,21	Floor	100	9,700	230	1,300
6	1110-72	G,21	Floor	670	37,000	290	640
7	119-S3	C,27	Floor	880	12,000	45	570
8	119-S3	B,30	Floor	180	11,000	0	770
9	119-S3	A,30	Floor	670	8,700	23	260
10	119-S3	A,30	Floor	140	15,000	45	700
11	119-S3	B,33	Floor	140	13,000	23	1,000
12	119-S3	B,36	Floor	380	16,000	45	1,600

TABLE 38, cont.

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE III

Location	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
13	119-S3	A,39	Floor	310	9,200	180	1,000
14	119-S3	D,42	Floor	90	9,200	110	1,200
15	119-S3	C,48	Floor	68	18,000	110	960
16	119-S3	D,57	Floor	45	14,000	110	1,000
17	119-S3	G,51	Floor	100	29,000	90	510
18	119-S3	G,45	Floor	200	11,000	90	1,000
19	119-S3	G,36	Floor	140	15,000	140	1,100
20	119-S3	F,33	Floor	380	23,000	68	510
21	119-S3	F,33	Floor	150	13,000	23	450
22	119-S3	G,30	Floor	160	19,000	90	1,100
23	119-36/42	H,24	Floor	140	22,000	68	960

TABLE 3B, cont.

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE III

Location	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
24	119-36/42	H,39	Floor	680	47,000	160	1,700
25	119-22	H,51	Floor	57	73,000	45	1,100
26	115-41	P,30	Floor	1,000	800	110	1,500
27	115-43	Q,27	Floor	3,600	1,400	270	1,600
28	115-43	Q,27	Floor	92,000	3,300	45	800
29	Y1	-	Concrete Pad	420	5,700	23	1,000
30	Y1	-	Concrete Pad	410	16,000	45	1,300
31	Y1	-	Concrete Pad	250	5,100	45	1,300
32	Y1	-	Concrete Pad	79	9,300	0	1,700

TABLE 38, cont.

CONTAMINATION LEVELS MEASURED
AT LOCATIONS IDENTIFIED BY THE
BETA-GAMMA SURFACE SCAN - PHASE III

Location	Room/Area	Grid ID	Surface	BEFORE DECONTAMINATION		AFTER DECONTAMINATION	
				Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)	Alpha (dpm/100cm^2)	Beta-Gamma (dpm/100cm^2)
33	Y5	-	Asphalt	57	560,000	0	890
34	Building 131 Room B	X,3	Floor	23	5,700	45	890
NRC Guideline				15,000	15,000	15,000	15,000

[a] Refer to Figures 20 and 21.

REFERENCES

1. Radiation Survey for Phase I Release for Unrestricted Use of ESG Headquarters, Building 001, N001SRR130011, Rockwell International, May 19, 1983.

2. Radiation Survey for Phase II Release for Unrestricted Use of ESG Headquarters, Building 001, N001SRR130012, Rockwell International, August 12, 1983.

3. Radiation Survey for Phase III Release for Unrestricted Use of ESG Headquarters, Building 001, N065SRR205006, Rockwell International, November 14, 1983.

4. C.F. Holoway, et al., Monitoring for Compliance with Decommissioning Termination Survey Criteria, NUREG/CR-2082, Oak Ridge National Laboratory, June 1981.

5. Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source or Special Nuclear Material. U.S. Nuclear Regulatory Commission, Division of Fuel Cycle and Material Safety, July 1982.

6. G.W. Snedecor and W.G. Cochran. Statistical Methods, Iowa State University Press, 1967.

APPENDIX A

MAJOR ANALYTICAL EQUIPMENT

APPENDIX A

Major Analytical Equipment

The display or description of a specific product is not to be construed as an endorsement of that product or its manufacturer by the authors or their employer.

A. Direct Radiation Measurements

Eberline "RASCAL"
Portable Ratemeter-Scaler
Model PRS-1
(Eberline, Sante Fe, NM)

Eberline PRM-6
Portable Ratemeter
(Eberline, Sante Fe, NM)

Eberline Beta-Gamma "Pancake" Probe
Model HP-260
(Eberline, Sante Fe, NM)

Victoreen Beta-Gamma "Pancake" Probe
Model 489-110
(Victoreen, Inc., Cleveland, OH)

Eberline Alpha Scintillation Probe
Models AC-3-7 and AC-3-8
(Eberline, Sante Fe, NM)

Victoreen Gamma Scintillator (NaI) Probe
Model 489-55
(Victoreen, Inc., Cleveland, OH)

B. Laboratory Analyses

Low Background Alpha-Beta Counter
Model LB5100-2080
(Tennelec, Inc., Oak Ridge, TN)

APPENDIX B

ANALYTICAL PROCEDURES

APPENDIX B

Analytical Procedures

Alpha and Beta-gamma Measurements

Measurements of direct beta-gamma radiation levels were performed using Eberline "Rascal" Model PRS-1 portable ratemeter/scalers with Model HP-260 thin-window "pancake" G-M probes. Measurements of direct alpha radiation levels were performed using Eberline Model PRS-1 portable ratemeter/scalers with Model AC-3-7 and AC-3-8 ZnS alpha scintillation probes.

Count rates (cpm) were converted to disintegration rates (dpm/100 cm^2) as follows:

$$\text{Disintegration Rate} = \frac{\text{(gross rate - background rate)}}{\text{efficiency}} \times \frac{100}{\text{detector area}(cm^2)}$$

For the "pancake" G-M probes, the average background count rate was 40 cpm. Background count rates for the ZnS alpha probes averaged approximately 1 cpm; however, a conservative value of 0 cpm was employed for the calculations. Effective window areas were 15 cm^2 for the G-M probes and 59 cm^2 for the ZnS probes. Using this technique, the count rates recorded by the detector are converted to contamination levels as if the distribution were constant over a 100 cm^2 area. This conservatively overestimates disintegration rates for small areas.

Efficiencies were determined for every probe before each of the three phases of the survey. For each phase, the efficiencies of the probes were averaged and this value was employed for all the data generated during that phase:

	Detector Efficiencies		
	Phase I	Phase II	Phase III
ZnS (alpha probe)	0.144	0.140	0.150
G-M (beta-gamma probe)	0.240	0.220	0.210

Beta-gamma surface scans were performed using Eberline PRM-6 portable ratemeters with Victoreen Model 489-110 "pancake" GM detectors.

Beta-Gamma Dose Rate Measurements

Beta and gamma dose rates were calculated individually and the results summed for a combined beta-gamma dose rate. Beta dose rates were calculated by applying the conversion factor of 1400 cpm/mrad/h to the net beta count rate. The gamma dose rate component was assumed to be a constant 0.013 mrad/h, based on an average exposure rate of 13 μR/h measured in the facility.

Gamma Exposure Rate

Measurements of gamma exposure rates were performed using an Eberline PRM-6 portable ratemeter with a Victoreen Model 489-55 gamma scintillation probe containing a 3.2 cm x 3.8 cm NaI(Tl) scintillation crystal. Count rates were converted to exposure rates (μR/h) using factors determined by comparing the response of the scintillation detector with that of a Reuter Stokes model RSS-111 pressurized ionization chamber.

Comparison of ORAU and ESG Measurements

Replicate measurements of direct radiation were divided into two data sets, measurements of alpha disintegration rates and measurements of beta disintegration rates. Each set, containing 85 pairs of measurements, was analyzed by a standard two-way analysis of variance to determine whether or not the ORAU and ESG measurements were statistically different, and by a standard linear regression analysis to determine what relationship might exist between them.[6] The data sets are presented at the end of Appendix D.

APPENDIX C

GUIDELINES FOR DECONTAMINATION OF FACILITIES AND EQUIPMENT PRIOR TO RELEASE FOR UNRESTRICTED USE OR TERMINATION OF LICENSES FOR BY-PRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

GUIDELINES FOR DECONTAMINATION OF FACILITIES AND EQUIPMENT PRIOR TO RELEASE FOR UNRESTRICTED USE OR TERMINATION OF LICENSES FOR BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

U.S. Nuclear Regulatory Commission
Divison of Fuel Cycle & Material Safety
Washington, D.C. 20555

July 1982

The instructions in this guide, in conjunction with Table 1, specify the radionuclides and radiation exposure rate limits which should be used in decontamination and survey of surfaces or premises and equipment prior to abandonment or release for unrestricted use. The limits in Table 1 do not apply to premises, equipment, or scrap containing induced radioactivity for which the radiological considerations pertinent to their use may be different. The release of such facilities or items from regulatory control is considered on a case-by-case basis.

1. The licensee shall make a reasonable effort to eliminate residual contamination.

2. Radioactivity on equipment or surfaces shall not be covered by paint, plating, or other covering material unless contamination levels, as determined by a survey and documented, are below the limits specified in Table 1 prior to the application of the covering. A reasonable effort must be made to minimize the contamination prior to use of any covering.

3. The radioactivity on the interior surfaces of pipes, drain lines, or ductwork shall be determined by making measurements at all traps, and other appropriate access points, provided that contamination at these locations is likely to be representative of contamination on the interior of the pipes, drain lines, or ductwork. Surfaces or premises, equipment, or scrap which are likely to be contaminated but are of such size, construction, or location as to make the surface inaccessible for purposes of measurement shall be presumed to be contaminated in excess of the limits.

4. Upon request, the Commission may authorize a licensee to relinquish possession or control of premises, equipment, or scrap having surfaces contaminated with materials in excess of the limits specified. This may include, but would not be limited to, special circumstances such as razing of buildings, transfer of premises to another organization continuing work with radioactive materials, or conversion of facilities to a long-term storage or standby status. Such requests must:

   a. Provide detailed, specific information describing the premises, equipment or scrap, radioactive contaminants, and the nature, extent, and degree of residual surface contamination.

   b. Provide a detailed health and safety analysis which reflects that the residual amounts of materials on surface areas, together with other considerations such as prospective use of the premises, equipment or scrap, are unlikely to result in an unreasonable risk to the health and safety of the public.

5. Prior to release of premises for unrestricted use, the licensee shall make a comprehensive radiation survey which establishes that contamination is within the limits specified in Table 1. A copy of

the survey report shall be filed with the Division of Fuel Cycle and Material Safety, USNRC, Washington, D.C. 20555, and also the Administrator of the NRC Regional Office having jurisdiction. The report should be filed at least 30 days prior to the planned date of abandonment. The survey report shall:

a. Identify the premises.

b. Show that reasonable effort has been made to eliminate residual contamination.

c. Describe the scope of the survey and general procedures followed.

d. State the findings of the survey in units specified in the instruction.

Following review of the report, the NRC will consider visiting the facilities to confirm the survey.

TABLE 1

ACCEPTABLE SURFACE CONTAMINATION LEVELS

Nuclides[a]	Average[b,c,f]	Maximum[b,d,f]	Removable[b,e,f]
U-nat, U-235, U-238, and associated decay products	5,000 dpm α/100 cm^2	15,000 dpm α/100 cm^2	1,000 dpm α/100 cm^2
Transuranics, Ra-226, Ra-228, Th-230, Th-228, Pa-231, Ac-227, I-125, I-129	100 dpm/100 cm^2	300 dpm/100 cm^2	20 dpm/100 cm^2
Th-nat, Th-232, Sr-90, Ra-223 Ra-224, U-232, I-126, I-131, I-133	1000 dpm/100 cm^2	3000 dpm/100 cm^2	200 dpm/100 cm^2
Beta-gamma emitters (nuclides with decay modes other than alpha emission or spontaneous fission) except Sr-90 and others noted above.	5000 dpm $\beta\gamma$/100 cm^2	15,000 dpm $\beta\gamma$/100 cm^2	1000 dpm $\beta\gamma$/100 cm^2

[a] Where surface contamination by both alpha- and beta-gamma-emitting nuclides exists, the limits established for alpha- and beta-gamma-emitting nuclides should apply independently.

[b] As used in this table, dpm (disintegrations per minute) means the rate of emission by radioactive material as determined by correcting the counts per minute observed by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation.

[c] Measurements of average contaminant should not be averaged over more than 1 square meter. For objects of less surface area, the average should be derived for each such object.

[d] the maximum contamination level applies to an area of not more than 100 cm^2.

[e] The amount of removable radioactive material per 100 cm^2 of surface area should be determined by wiping that area with dry filter or soft absorbent paper, applying moderate pressure, and assessing the amount of radioactive material on the wipe with an appropriate instrument of known efficiency. When removable contamination on objects of less surface area is determined, the pertinent levels should be reduced proportionally and the entire surface should be wiped.

[f] The average and maximum radiation levels associated with surface contamination resulting from beta-gamma emitters should not exceed 0.2 mrad/h at 1 cm and 1.0 mrad/h at 1 cm, respectively, measured through not more than 7 milligrams per square centimeter of total absorber.

APPENDIX D

CONTAMINATION SURVEY SUMMARY SHEETS

APPENDIX D

CONTAMINATION SURVEY SUMMARY SHEETS

All measurements performed on the floors, walls, and ceilings of gridded areas were identified by a grid coordinate. For the walls and ceilings, a given measurement was identified by the grid coordinate assigned to the northeast corner of the 3 m x 3 m grid block. Walls were identified by the grid coordinate on the lower right facing the wall. In cases where multiple measurements were performed in the standard 3 m X 3 m grid block, the latter was subdivided into nine 1 square meter blocks as follows. Measurements performed in ungridded areas were referenced to pertinent surface features and assigned an alphanumeric identification.

The contamination survey summary sheets are presented according to the following order of rooms/areas:

Phase I	Aisle	115/A300		11D-40/41/44
		114-35/38		Dock 111/26
		112-36/39		115-85/69
		11D-56		11N-96
		115-04		115-70/86
		11D-62		115-86A
		112-09/15		112-66/68
	Aisle	112		Mezzanine
		112-08/20		
Phase II		1112-02/04		11B-35
		11D-06	Aisle	11B
		11D-04C		11B-44
		11D-08		Mezzanine
	Aisle	120	Aisle	118

Phase III	Aisle 11D		
		11D-03	115-37
		1119-S3	115-43
		1110-72	11H-28
		11H-01	11H-36
		11H-02	115-41
		11H-02A	YARDS Y1-Y5
		119-36/42	Roof
		119-36/42B	Mezzanine
		119-12/16	Pits P1-P4
		119-22	11D-04A
		115-29	131-A
		115-29B	131-B
		115-33	131-C

Locations of replicate measurements used for comparison of ORAU and ESG results are summarized on the final two pages of this appendix.

COMPARISON OF ORAU AND ESG MEASUREMENTS OF DIRECT RADIATION

Room/Area	Description	Grid Identification	Alpha		Beta	
			ESG dpm/100 cm^2	ORAU dpm/100 cm^2	ESG dpm/100 cm^2	ORAU dpm/100 cm^2
Aisle 11D	Wall	1,2	8	36	0	0
Aisle 11D	Wall	26,3	19	9	250	64
Aisle 11D	Wall	30,3	5	18	220	150
Aisle 11D	Ceiling	2,13	16	27	360	39
11D-03	Floor	6,3	14	23	1,500	690
11D-03	Wall	1,8	3	9	140	120
119-S3	Floor	1,18	64	110	2,100	1,200
119-S3	Floor	2,15	27	69	1,500	1,300
119-S3	Floor	14,15	29	100	1,500	600
119-S3	Floor	18,7	29	130	1,900	1,400
119-S3	Floor	33,15	42	69	1,900	1,300
119-S3	Wall	6,3	40	14	600	160
119-S3	Wall	13,2	18	27	720	240
119-S3	Wall	14,3	46	27	70	100
119-S3	Wall	17,6	56	14	130	38
119-S3	Wall	29,4	38	36	140	140
119-S3	Wall	29,5	27	41	1,100	530
119-S3	Ceiling	11,13	51	23	300	0
119-S3	Ceiling	14,18	35	27	510	100
119-S3	Ceiling	15,4	30	32	210	150
119-S3	Ceiling	26,6	64	36	500	210
119-S3	Ceiling	28,11	42	41	290	41
119-S3	Ceiling	30,16	42	32	530	120
1110-72	Floor	7,11	66	90	2,100	1,500
1110-72	Floor	13,17	56	27	1,300	720
1110-72	Floor	13,7	80	110	1,900	970
1110-72	Floor	18,20	32	32	1,500	530
1110-72	Floor	21,3	40	41	1,500	790
1110-72	Wall	3,6	14	14	870	26
1110-72	Wall	7,2	8	4	30	39
1110-72	Wall	8,4	8	18	1,500	830
1110-72	Wall	15,7	19	9	680	26
1110-72	Wall	21,6	10	4	1,200	550
1110-72	Wall	23,2	10	14	50	140
1110-72	Ceiling	7,11	5	27	120	100
1110-72	Ceiling	13,6	3	18	490	26
1110-72	Ceiling	24,3	10	14	280	180
11H-01	Floor	2,3	83	63	1,700	1,100
11H-01	Ceiling	3,2	14	27	800	170
11H-02	Floor	6,2	30	41	1,800	1,300
11H-02	Wall	12,3	10	27	1,400	930
11H-02	Wall	12,5	6	14	1,100	600
11H-02	Ceiling	1,6	14	18	1,900	600
11H-02A	Wall	3,4	14	36	950	500
11H-02A	Wall	4,1	11	14	1,900	950

COMPARISON OF ORAU AND ESG MEASUREMENTS OF DIRECT RADIATION

Room/Area	Description	Grid Identification	Alpha		Beta	
			ESG dpm/100 cm^2	ORAU dpm/100 cm^2	ESG dpm/100 cm^2	ORAU dpm/100 cm^2
11H-02A	Ceiling	2,5	10	9	540	280
119-36/42	Floor	15,9	120	81	1,500	740
119-36/42	Floor	18,18	130	85	1,500	680
119-36/42	Wall	17,2	13	14	130	0
119-36/42	Wall	17,2	19	58	0	100
119-36/42	Wall	20,12	8	32	180	140
119-36/42B	Wall	29,4	21	45	0	52
119-36/42B	Ceiling	5,16	11	14	440	310
119-12/16	Floor	1,7	50	85	1,400	450
119-12/16	Wall	3,3	10	23	210	90
119-12/16	Ceiling	5,8	16	41	580	26
119-22	Wall	8,2	16	41	50	89
119-22	Ceiling	3,2	13	36	630	330
115-29	Wall	1,3	6	32	0	38
115-29	Ceiling	4,3	10	26	220	330
115-33	Floor	1,2	72	41	1,800	940
115-33	Wall	6,3	8	45	200	26
115-33	Ceiling	3,8	0	41	980	210
115-37	Floor	5,9	150	120	2,000	1,100
115-37	Ceiling	6,2	13	27	90	26
115-43	Floor	1,1	130	450	1,400	1,400
115-43	Wall	2,4	22	18	0	26
115-43	Ceiling	2,2	10	23	170	130
11H-28	Floor	2,8	72	200	1,600	1,000
11H-28	Wall	6,3	22	27	100	130
11H-28	Wall	12,2	21	59	40	13
11H-28	Ceiling	9,6	6	14	70	26
11H-36	Floor	6,5	110	86	1,500	770
11H-36	Wall	7,2	8	45	330	100
11H-36	Ceiling	4,2	5	18	150	0
115-41	Wall	6,3	6	50	0	100
115-41	Ceiling	5,5	6	14	140	39
Mezzanine	Wall	1,4	6	36	0	0
Mezzanine	Floor	1,15	37	49	150	51
Mezzanine	Floor	4,10	66	27	1,100	680
Mezzanine	Floor	6,3	59	41	1,380	590
Mezzanine	Wall	6,5	11	41		0
Mezzanine	Floor	8,15	72	45	1,300	650
Mezzanine	Wall	17,4	13	36	0	130
Mezzanine	Wall	22,4	6	23	150	38
11D-04A	Wall	4,1	18	36	610	310

PHASE I

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLCCR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R,42	a	4	47	46	170	0.017	-	-				
	b	10	120	74	950	0.037	-	-	0.5	1	1.5	1
	c	4	47	70	840	0.034	-	-				
	d	6	71	50	280	0.020	-	-				
	e	6	71	54	390	0.023	-	-				
R,45	a	2	24	58	500	0.026	-	-				
	b	0	0	72	890	0.036	-	-				
	c	4	47	64	670	0.030	-	-				
	d	0	0	44	110	0.016	-	-				
	e	4	47	82	1200	0.043	-	-	0	0	2.0	2
R,48	a	0	0	62	610	0.029	-	-	0	0	3.0	4
	b	4	47	72	890	0.036	-	-				
	c	8	94	80	1100	0.042	-	-				
	d	2	24	46	170	0.017	-	-				
	e	4	47	72	890	0.036	-	-				
R,51	a	0	0	52	340	0.022	-	-				
	b	2	24	52	340	0.022	-	-	0	0	3.0	4
	c	2	24	78	1100	0.040	-	-				
	d	2	24	78	1100	0.040	-	-				
	e	0	0	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, CP, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R,54	a	0	0	86	1300	0.046	-	-				
	b	4	47	66	730	0.032	-	-				
	c	2	24	70	840	0.034	-	-	0	0	3.0	4
	d	2	24	76	1000	0.039	-	-				
	e	0	0	94	1500	0.052	-	-				
R,57	a	2	24	70	840	0.034	-	-				
	b	8	94	60	560	0.027	-	-				
	c	2	24	68	780	0.033	-	-				
	d	2	24	56	450	0.024	-	-	0	0	3.0	4
	e	2	24	66	730	0.032	-	-				
R,60	a	6	71	66	730	0.032	-	-				
	b	6	71	56	450	0.024	-	-				
	c	2	24	78	1100	0.040	-	-				
	d	4	47	84	1200	0.044	-	-				
	e	2	24	92	1500	0.050	-	-	0	0	2.5	3
R,63	a	4	47	54	390	0.023	-	-				
	b	2	24	72	890	0.036	-	-				
	c	2	24	78	1100	0.040	-	-				
	d	2	24	40	0	0.013	-	-				
	e	2	24	70	840	0.034	-	-	0	0	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR, MB DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R,66	a	2	24	38	0	0.013	-	-				
	b	4	47	30	0	0.013	-	-				
	c	0	0	52	340	0.022	-	-				
	d	0	0	46	170	0.017	-	-	0.5	1	4.0	5
	e	4	47	60	560	0.027	-	-				
S,66	a	2	24	38	0	0.013	-	-				
	b	0	0	46	170	0.017	-	-				
	c	4	47	54	390	0.023	-	-	0	0	1.0	0
	d	2	24	46	170	0.017	-	-				
	e	0	0	58	500	0.026	-	-				
R,69	a	4	47	50	280	0.020	-	-				
	b	2	24	52	340	0.022	-	-	0.5	1	1.5	1
	c	0	0	38	0	0.013	-	-				
	d	6	71	46	170	0.017	-	-				
	e	4	47	44	110	0.016	-	-				
R,72	a	2	24	52	340	0.022	-	-	0	0	1.5	1
	b	0	0	52	340	0.022	-	-				
	c	4	47	56	450	0.024	-	-				
	d	2	24	54	390	0.023	-	-				
	e	4	47	52	340	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R,75	a	4	47	44	110	0.016	-	-				
	b	0	0	42	60	0.014	-	-				
	c	2	24	58	500	0.026	-	-				
	d	4	47	54	390	0.023	-	-				
	e	6	71	42	60	0.014	-	-	0	0	2.5	3
R,78	a	0	0	50	280	0.020	-	-				
	b	0	0	40	0	0.013	-	-				
	c	2	24	46	170	0.017	-	-				
	d	4	47	48	220	0.019	-	-	0.5	1	5.0	7
	e	2	24	34	0	0.013	-	-				
R,81	a	2	24	28	0	0.013	-	-				
	b	4	47	52	340	0.022	-	-				
	c	2	24	56	450	0.024	-	-				
	d	8	94	46	170	0.017	-	-	0	0	4.5	6
	e	2	24	46	170	0.017	-	-				
S,81	a	4	47	60	560	0.027	-	-	0.5	1	3.5	5
	b	2	24	54	390	0.023	-	-				
	c	0	0	52	340	0.022	-	-				
	d	4	47	48	220	0.019	-	-				
	e	2	24	46	170	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, PF, BZ, CP DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA AISLE 112/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
K,84	a	0	0	52	340	0.022	-	-				
	b	2	24	70	840	0.034	-	-	0	0	5.0	7
	c	2	24	44	110	0.016	-	-				
	d	0	0	48	220	0.019	-	-				
	e	2	24	40	0	0.013	-	-				
S,84	a	2	24	50	280	0.020	-	-				
	b	0	0	50	280	0.020	-	-				
	c	2	24	54	390	0.023	-	-	0	0	1.0	0
	d	0	0	44	110	0.016	-	-				
	e	2	24	48	220	0.019	-	-				
R,87	a	6	71	46	170	0.017	-	-	0	0	2.5	3
	b	0	0	52	340	0.022	-	-				
	c	2	24	44	110	0.016	-	-				
	d	6	71	42	60	0.014	-	-				
	e	0	0	50	280	0.020	-	-				
R,90	a	2	24	50	280	0.020	-	-				
	b	0	0	52	340	0.022	-	-				
	c	0	0	46	170	0.017	-	-				
	d	0	0	42	60	0.014	-	-				
	e	2	24	60	560	0.027	-	-	0.5	1	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, MB, BZ, CP DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R,93	a	2	24	70	840	0.034	-	-	0	0	1.0	0
	b	0	0	52	340	0.022	-	-				
	c	4	47	56	450	0.024	-	-				
	d	4	47	60	560	0.027	-	-				
	e	4	47	44	110	0.016	-	-				
R,96	a	2	24	66	730	0.032	-	-				
	b	2	24	66	730	0.032	-	-	1.0	2	2.0	2
	c	0	0	34	0	0.013	-	-				
	d	6	71	38	0	0.013	-	-				
	e	0	0	46	170	0.017	-	-				
R,99	a	4	47	56	450	0.024	-	-				
	b	8	94	62	610	0.029	-	-	0	0	3.5	5
	c	6	71	54	390	0.023	-	-				
	d	2	24	50	280	0.020	-	-				
	e	4	47	48	220	0.019	-	-				
R,102	a	4	47	40	0	0.013	-	-	0	0	3.5	5
	b	2	24	58	500	0.026	-	-				
	c	0	0	54	390	0.023	-	-				
	d	2	24	54	390	0.023	-	-				
	e	8	94	56	450	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, CP, MB, BR DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S,102	a	2	24	52	340	0.022	-	-				
	b	4	47	48	220	0.019	-	-				
	c	0	0	56	450	0.024	-	-				
	d	0	0	60	560	0.027	-	-				
	e	4	47	44	110	0.016	-	-	0	0	1.0	0
R,105	a	0	0	48	220	0.019	-	-				
	b	0	0	38	0	0.013	-	-	0	0	2.5	3
	c	0	0	40	0	0.013	-	-				
	d	4	47	46	170	0.017	-	-				
	e	4	47	56	450	0.024	-	-				
S,105	a	0	0	76	1000	0.039	-	-	0.5	1	1.5	1
	b	2	24	54	390	0.023	-	-				
	c	2	24	38	0	0.013	-	-				
	d	2	24	70	840	0.034	-	-				
	e	2	24	40	0	0.013	-	-				
P,108	a	0	0	40	0	0.013	-	-	0.5	1	3.0	4
	b	4	47	20	0	0.013	-	-				
	c	2	24	30	0	0.013	-	-				
	d	2	24	50	280	0.020	-	-				
	e	4	47	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, BR DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Q,108	a	4	47	20	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-	0.5	1	3.5	5
	c	0	0	40	0	0.013	-	-				
	d	10	120	60	560	0.029	-	-				
	e	2	24	30	0	0.013	-	-				
R,108	a	4	47	40	0	0.013	-	-				
	b	10	120	50	280	0.020	-	-				
	c	6	71	30	0	0.013	-	-	0	0	1.5	1
	d	2	24	30	0	0.013	-	-				
	e	4	47	50	280	0.020	-	-				
S,108	a	2	24	50	280	0.020	-	-				
	b	4	47	30	0	0.013	-	-				
	c	4	47	50	280	0.020	-	-				
	d	2	24	30	0	0.013	-	-	0	0	1.5	1
	e	4	47	40	0	0.013	-	-				
T,108	a	4	47	20	0	0.013	-	-				
	b	0	0	50	280	0.020	-	-				
	c	2	24	50	280	0.020	-	-				
	d	2	24	10	0	0.013	-	-				
	e	0	0	40	0	0.013	-	-	0.5	1	4.0	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
S,42	a	6	71	44	110	0.016	-	-	0	0	1.5	1
	b	4	47	24	0	0.013	-	-				
	c	6	71	34	0	0.013	-	-				
	d	6	71	38	0	0.013	-	-				
	e	0	0	42	60	0.014	-	-				
S,46	a	4	47	32	0	0.013	-	-				
	b	4	47	42	60	0.014	-	-				
	c	2	24	28	0	0.013	-	-				
	d	6	71	22	0	0.013	-	-				
	e	6	71	44	110	0.016	-	-	0.5	1	4.0	5
S,51	a	4	47	46	170	0.017	-	-	0	0	3.5	5
	b	4	47	40	0	0.013	-	-				
	c	4	47	42	60	0.014	-	-				
	d	0	0	48	220	0.019	-	-				
	e	4	47	34	0	0.013	-	-				
S,54	a	C	0	50	280	0.020	-	-				
	b	0	0	42	60	0.014	-	-				
	c	2	24	50	280	0.020	-	-	0	0	3.0	4
	d	2	24	34	0	0.013	-	-				
	e	2	24	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA AISLE 115/A300 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
S,60	a	2	24	42	60	0.014	-	-				
	b	4	47	32	0	0.013	-	-	0	0	3.0	4
	c	2	24	42	60	0.014	-	-				
	d	0	0	50	280	0.020	-	-				
	e	0	0	48	220	0.019	-	-				
S,60	a	4	47	38	0	0.013	-	-				
	b	0	0	60	560	0.027	-	-				
	c	0	0	38	0	0.013	-	-				
	d	4	47	42	60	0.014	-	-	1.0	2	2.5	3
	e	0	0	48	220	0.019	-	-				
S,66	a	2	24	44	110	0.016	-	-				
	b	6	71	32	0	0.013	-	-				
	c	4	47	40	0	0.013	-	-	1.0	2	5.5	8
	d	2	24	38	0	0.013	-	-				
	e	2	24	40	0	0.013	-	-				
S,69	a	8	94	38	0	0.013	-	-	1.0	2	3.0	4
	b	0	0	34	0	0.013	-	-				
	c	2	24	44	110	0.016	-	-				
	d	8	94	30	0	0.013	-	-				
	e	6	71	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-1-83

FACILITY ESG Phase I

ROOM / AREA AISLE 115/A300 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S,72	a	0	0	34	0	0.013	-	-				
	b	6	71	32	0	0.013	-	-	0	0	2.0	2
	c	2	24	26	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	0	0	28	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S,42	a	2	24	60	560	0.027	-	-				
	b	6	71	54	390	0.023	-	-				
	c	2	24	70	840	0.034	-	-				
	d	2	24	58	500	0.026	-	-				
	e	10	120	68	780	0.033	-	-	0	0	3.0	4
T,42	a	4	47	76	1000	0.039	-	-				
	b	4	47	72	890	0.036	-	-				
	c	4	47	76	1000	0.039	-	-				
	d	0	0	94	1500	0.052	-	-	0	0	2.5	5
	e	2	24	64	670	0.030	-	-				
U,42	a	6	71	78	1100	0.040	-	-	0	0	3.0	4
	b	2	24	50	280	0.020	-	-				
	c	6	71	68	780	0.033	-	-				
	d	2	24	50	280	0.020	-	-				
	e	2	24	60	560	0.027	-	-				
V,42	a	4	47	64	670	0.030	-	-				
	b	8	94	68	780	0.033	-	-	0	0	1.5	1
	c	2	24	62	610	0.029	-	-				
	d	0	0	70	840	0.034	-	-				
	e	2	24	68	780	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,42	a	0	0	52	340	0.022	-	-				
	b	6	71	68	780	0.033	-	-	0	0	3.0	4
	c	2	24	62	610	0.029	-	-				
	d	2	24	66	730	0.032	-	-				
	e	4	47	68	780	0.033	-	-				
X,42	a	4	47	44	110	0.016	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	2	24	74	950	0.037	-	-				
	d	4	47	64	670	0.030	-	-	0	0	1.5	1
	e	2	24	70	840	0.034	-	-				
Y,42	a	4	47	64	670	0.030	-	-	0.5	1	3.5	5
	b	4	47	40	0	0.013	-	-				
	c	0	0	52	340	0.022	-	-				
	d	0	0	44	110	0.016	-	-				
	e	0	0	66	730	0.032	-	-				
S,45	a	4	47	78	1100	0.040	-	-	0.5	1	2.5	3
	b	6	71	54	390	0.023	-	-				
	c	2	24	82	1200	0.043	-	-				
	d	2	24	54	390	0.023	-	-				
	e	0	0	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,45	a	8	94	70	840	0.034	-	-				
	b	0	0	40	0	0.013	-	-				
	c	2	24	62	610	0.029	-	-				
	d	2	24	42	60	0.014	-	-				
	e	10	120	58	500	0.026	-	-	0	0	3.0	4
U,45	a	4	47	70	840	0.034	-	-				
	b	6	71	54	390	0.023	-	-				
	c	4	47	62	610	0.029	-	-	0	0	4.5	6
	d	2	24	70	840	0.034	-	-				
	e	6	71	50	280	0.020	-	-				
V,45	a	8	94	60	560	0.027	-	-	0	0	1.5	1
	b	2	24	70	840	0.034	-	-				
	c	2	24	58	500	0.026	-	-				
	d	0	0	52	340	0.022	-	-				
	e	4	47	72	890	0.036	-	-				
W,45	a	2	24	76	1000	0.039	-	-	0.5	1	3.0	4
	b	2	24	70	840	0.034	-	-				
	c	2	24	70	840	0.034	-	-				
	d	2	24	66	730	0.032	-	-				
	e	0	0	60	560	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,45	a	2	24	84	1200	0.044	-	-	0	0	2.0	2
	b	4	47	54	390	0.023	-	-				
	c	2	24	74	950	0.037	-	-				
	d	2	24	58	500	0.026	-	-				
	e	0	0	60	560	0.027	-	-				
Y,45	a	2	24	70	840	0.034	-	-				
	b	2	24	50	280	0.020	-	-				
	c	2	24	44	110	0.016	-	-				
	d	0	0	50	280	0.020	-	-				
	e	6	71	84	1200	0.044	-	-	0	0	2.0	2
S,48	a	0	0	66	730	0.032	-	-				
	b	2	24	62	610	0.029	-	-				
	c	4	47	60	560	0.027	-	-				
	d	10	120	68	780	0.033	-	-				
	e	4	47	72	890	0.036	-	-	0	0	2.0	2
T,48	a	8	94	88	1300	0.047	-	-				
	b	0	0	56	450	0.024	-	-				
	c	0	0	66	730	0.032	-	-				
	d	4	47	62	610	0.029	-	-	0	0	1.0	0
	e	0	0	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
U,48	a	2	24	78	1100	0.040	-	-				
	b	2	24	66	730	0.032	-	-				
	c	4	47	84	1200	0.044	-	-	0.5	1	2.5	3
	d	0	0	80	1100	0.042	-	-				
	e	2	24	68	780	0.033	-	-				
V,48	a	4	47	54	390	0.023	-	-				
	b	0	0	60	560	0.027	-	-	0	0	2.5	3
	c	2	24	72	890	0.036	-	-				
	d	0	0	60	560	0.027	-	-				
	e	0	0	56	450	0.024	-	-				
W,48	a	0	0	42	60	0.014	-	-	0	0	3.0	4
	b	6	71	58	500	0.026	-	-				
	c	0	0	66	730	0.032	-	-				
	d	4	47	72	890	0.036	-	-				
	e	4	47	56	450	0.024	-	-				
X,48	a	2	24	72	890	0.036	-	-				
	b	0	0	76	1000	0.039	-	-				
	c	2	24	86	1300	0.046	-	-				
	d	4	47	58	500	0.026	-	-				
	e	2	24	60	560	0.027	-	-	0	0	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114 - 35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,48	a	6	71	66	730	0.032	-	-				
	b	6	71	76	1000	0.039	-	-				
	c	2	24	64	670	0.030	-	-				
	d	2	24	54	390	0.023	-	-	0	0	2.0	2
	e	2	24	64	670	0.030	-	-				
S,51	a	2	24	52	340	0.022	-	-				
	b	2	24	90	1400	0.049	-	-				
	c	2	24	78	1100	0.040	-	-	0	0	2.0	2
	d	4	47	54	390	0.023	-	-				
	e	4	47	76	1000	0.039	-	-				
I,51	a	0	0	80	1100	0.042	-	-				
	b	6	71	76	1000	0.039	-	-				
	c	2	24	76	1000	0.039	-	-				
	d	2	24	64	670	0.030	-	-	0	0	4.5	6
	e	0	0	52	340	0.022	-	-				
U,51	a	2	24	74	950	0.037	-	-				
	b	0	0	70	840	0.034	-	-				
	c	0	0	72	890	0.036	-	-				
	d	4	47	70	840	0.034	-	-				
	e	0	0	56	450	0.024	-	-	0.5	1	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114 - 35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
V,51	a	0	0	74	950	0.037	-	-	0.5	1	3.0	4
	b	0	0	74	950	0.037	-	-				
	c	4	47	64	670	0.030	-	-				
	d	4	47	76	1000	0.039	-	-				
	e	10	120	60	560	0.027	-	-				
W,51	a	4	47	36	0	0.013	-	-				
	b	4	47	56	450	0.024	-	-	0.5	1	4.0	5
	c	4	47	66	730	0.032	-	-				
	d	2	24	80	1100	0.042	-	-				
	e	6	71	56	450	0.024	-	-				
X,51	a	2	24	50	280	0.020	-	-				
	b	6	71	68	780	0.033	-	-	0	0	0.5	0
	c	6	71	92	1500	0.050	-	-				
	d	4	47	60	560	0.027	-	-				
	e	2	24	58	500	0.026	-	-				
Y,51	a	4	47	68	780	0.033	-	-				
	b	4	47	76	1000	0.039	-	-				
	c	2	24	56	450	0.024	-	-	0	0	0.5	0
	d	8	94	86	1300	0.046	-	-				
	e	0	0	68	780	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114 - 35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S,54	a	4	47	82	1200	0.043	-	-				
	b	0	0	84	1200	0.044	-	-	0	0	2.0	2
	c	2	24	62	610	0.029	-	-				
	d	0	0	62	610	0.029	-	-				
	e	0	0	60	560	0.027	-	-				
T,54	a	2	24	74	950	0.037	-	-	0	0	1.5	1
	b	2	24	50	280	0.020	-	-				
	c	0	0	54	390	0.023	-	-				
	d	4	47	64	670	0.030	-	-				
	e	4	47	68	780	0.033	-	-				
U,54	a	2	24	74	950	0.037	-	-				
	b	4	47	56	450	0.024	-	-				
	c	0	0	82	1200	0.043	-	-				
	d	2	24	52	340	0.022	-	-				
	e	2	24	76	1000	0.039	-	-	0.5	1	0.5	0
V,54	a	0	0	64	670	0.030	-	-				
	b	0	0	58	500	0.026	-	-				
	c	0	0	46	170	0.017	-	-				
	d	2	24	42	60	0.014	-	-	0.5	1	1.5	1
	e	2	24	56	450	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,54	a	0	0	72	890	0.036	-	-				
	b	4	47	64	670	0.030	-	-				
	c	2	24	76	1000	0.039	-	-	0.5	1	3.5	5
	d	2	24	58	500	0.026	-	-				
	e	4	47	78	1100	0.040	-	-				
X,54	a	2	24	70	840	0.034	-	-				
	b	2	24	52	340	0.022	-	-	0	0	6.5	10
	c	2	24	70	840	0.034	-	-				
	d	2	24	68	780	0.033	-	-				
	e	2	24	54	390	0.023	-	-				
Y,54	a	2	24	64	670	0.030	-	-	0.5	1	0.5	0
	b	0	0	62	610	0.029	-	-				
	c	4	47	80	1100	0.042	-	-				
	d	2	24	80	1100	0.042	-	-				
	e	0	0	60	560	0.027	-	-				
S,57	a	2	24	94	1500	0.052	-	-				
	b	4	47	64	670	0.030	-	-				
	c	2	24	62	610	0.029	-	-				
	d	4	47	72	890	0.036	-	-				
	e	2	24	54	390	0.023	-	-	0	0	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,57	a	6	71	44	110	0.016	-	-	0.5	1	1.0	0
	b	6	71	84	1200	0.044	-	-				
	c	0	0	56	450	0.024	-	-				
	d	2	24	56	450	0.024	-	-				
	e	2	24	70	840	0.034	-	-				
U,57	a	2	24	88	1300	0.047	-	-				
	b	0	0	78	1100	0.040	-	-	1.0	2	9.5	16
	c	4	47	62	610	0.029	-	-				
	d	2	24	54	390	0.023	-	-				
	e	2	24	74	950	0.037	-	-				
V,57	a	2	24	56	450	0.024	-	-				
	b	5	71	56	450	0.024	-	-				
	c	0	0	88	1300	0.047	-	-	0.5	1	3.0	4
	d	2	24	58	500	0.026	-	-				
	e	4	47	60	560	0.027	-	-				
W,57	a	6	71	60	560	0.027	-	-				
	b	4	47	72	890	0.036	-	-				
	c	2	24	72	890	0.036	-	-	1.0	2	2.5	3
	d	2	24	62	610	0.029	-	-				
	e	0	0	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114 - 35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,57	a	0	0	70	840	0.034	-	-				
	b	6	71	66	730	0.032	-	-				
	c	6	71	60	560	0.027	-	-				
	d	2	24	70	840	0.034	-	-	0	0	1.5	1
	e	4	47	52	340	0.022	-	-				
Y,57	a	4	47	66	730	0.032	-	-				
	b	0	0	58	500	0.026	-	-				
	c	4	47	82	1200	0.043	-	-				
	d	0	0	64	670	0.030	-	-				
	e	4	47	64	670	0.030	-	-	0.5	1	3.0	4
S,60	a	0	0	70	840	0.034	-	-				
	b	4	47	58	500	0.026	-	-				
	c	4	47	84	1200	0.044	-	-				
	d	0	0	44	110	0.016	-	-	0.5	1	3.0	4
	e	2	24	58	500	0.026	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MR, BR DATE

FACILITY ESG Phase I ROOM / AREA 114 - 35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,60	a	4	47	70	840	0.034	-	-				
	b	0	0	60	560	0.027	-	-				
	c	2	24	58	500	0.026	-	-	0	0	3.0	4
	d	2	24	64	670	0.030	-	-				
	e	2	24	54	390	0.023	-	-				
U,60	a	2	24	62	610	0.029	-	-				
	b	0	0	80	1100	0.042	-	-	0	0	3.0	4
	c	4	47	60	560	0.027	-	-				
	d	0	0	78	1100	0.040	-	-				
	e	0	0	58	500	0.026	-	-				
V,60	a	2	24	64	670	0.030	-	-	0	0	3.5	5
	b	2	24	74	950	0.037	-	-				
	c	8	94	72	890	0.036	-	-				
	d	2	24	60	560	0.027	-	-				
	e	4	47	42	60	0.014	-	-				
W,60	a	2	24	70	840	0.034	-	-				
	b	2	24	66	730	0.032	-	-				
	c	0	0	66	730	0.032	-	-				
	d	2	24	56	450	0.024	-	-				
	e	0	0	60	560	0.027	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MR, BR DATE

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
X,60	a	2	24	76	1000	0.039	-	-				
	b	0	0	66	730	0.032	-	-				
	c	2	24	72	890	0.036	-	-				
	d	0	0	76	1000	0.039	-	-	0	0	2.0	2
	e	0	0	60	560	0.027	-	-				
Y,60	a	4	47	82	1200	0.043	-	-				
	b	0	0	62	610	0.029	-	-				
	c	2	24	54	390	0.023	-	-	0	0	3.5	5
	d	8	94	74	950	0.037	-	-				
	e	2	24	66	730	0.032	-	-				
S,63	a	2	24	66	730	0.032	-	-	0.5	1	1.0	0
	b	2	24	68	780	0.033	-	-				
	c	0	0	62	610	0.029	-	-				
	d	4	47	58	500	0.026	-	-				
	e	0	0	54	390	0.023	-	-				
T,63	a	0	0	60	560	0.027	-	-				
	b	0	0	50	280	0.020	-	-	0	0	2.5	3
	c	2	24	46	170	0.017	-	-				
	d	0	0	72	890	0.036	-	-				
	e	2	24	64	670	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
U,63	a	8	94	68	780	0.033	-	-				
	b	4	47	74	950	0.037	-	-				
	c	6	71	56	450	0.024	-	-	0	0	1.5	1
	d	2	24	56	450	0.024	-	-				
	e	4	47	72	890	0.036	-	-				
V,63	a	0	0	70	840	0.034	-	-				
	b	4	47	78	1100	0.040	-	-				
	c	2	24	42	60	0.014	-	-				
	d	2	24	48	220	0.019	-	-	0	0	1.5	1
	e	2	24	62	610	0.029	-	-				
W,63	a	4	47	62	610	0.029	-	-				
	b	4	47	60	560	0.027	-	-				
	c	4	47	70	840	0.034	-	-				
	d	0	0	58	500	0.026	-	-				
	e	2	24	66	730	0.032	-	-	0	0	2.5	3
X,63	a	4	47	62	610	0.029	-	-	0.5	1	1.5	1
	b	0	0	64	670	0.030	-	-				
	c	6	71	74	950	0.037	-	-				
	d	2	24	74	950	0.037	-	-				
	e	4	47	52	340	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 117 - 35/20
FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Y,63	a	0	0	60	560	0.027	-	-				
	b	2	24	60	560	0.027	-	-	0.5	1	1.5	1
	c	2	24	74	950	0.037	-	-				
	d	4	47	56	450	0.024	-	-				
	e	4	47	54	390	0.023	-	-				
T,66	a	2	24	64	670	0.030	-	-				
	b	4	47	50	280	0.020	-	-	0.5	1	0.5	0
	c	4	47	62	610	0.029	-	-				
	d	0	0	68	780	0.033	-	-				
	e	4	47	48	220	0.019	-	-				
U,66	a	0	0	42	60	0.014	-	-	0	0	0.5	0
	b	2	24	68	780	0.033	-	-				
	c	4	47	84	1200	0.044	-	-				
	d	0	0	58	500	0.026	-	-				
	e	2	24	60	560	0.027	-	-				
V,66	a	2	24	52	340	0.022	-	-				
	b	6	71	60	560	0.027	-	-				
	c	0	0	42	60	0.014	-	-				
	d	0	0	66	730	0.032	-	-				
	e	2	24	56	450	0.024	-	-	1.5	4	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114 - 35/38
FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
W,66	a	0	0	74	950	0.037	-	-				
	b	0	0	66	730	0.032	-	-				
	c	4	47	72	890	0.036	-	-				
	d	4	47	82	1200	0.043	-	-	0	0	1.5	1
	e	4	47	58	500	0.026	-	-				
X,66	a	4	47	64	670	0.030	-	-				
	b	6	71	64	670	0.030	-	-				
	c	4	47	60	560	0.027	-	-	0	0	2.0	2
	d	2	24	74	950	0.037	-	-				
	e	6	71	72	890	0.036	-	-				
Y,66	a	8	94	74	950	0.037	-	-				
	b	2	24	66	730	0.032	-	-	1.0	2	2.0	2
	c	2	24	100	1700	0.056	-	-				
	d	8	94	56	450	0.024	-	-				
	e	6	71	78	1100	0.040	-	-				
S,69	a	6	71	66	730	0.032	-	-				
	b	0	0	50	280	0.020	-	-				
	c	4	47	54	390	0.023	-	-	0	0	0.5	0
	d	0	0	68	780	0.033	-	-				
	e	0	0	84	1200	0.044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,69	a	4	47	56	450	0.024	-	-				
	b	0	0	56	450	0.024	-	-				
	c	4	47	64	670	0.030	-	-				
	d	0	0	58	500	0.026	-	-	0	0	1.0	0
	e	4	47	58	500	0.026	-	-				
U,69	a	2	24	64	670	0.030	-	-				
	b	0	0	66	730	0.032	-	-				
	c	2	24	76	1000	0.039	-	-				
	d	0	0	66	730	0.032	-	-				
	e	4	47	80	1100	0.042	-	-	0	0	3.0	4
V,69	a	2	24	62	610	0.029	-	-	0	0	2.5	3
	b	0	0	58	500	0.026	-	-				
	c	4	47	86	1300	0.046	-	-				
	d	4	47	80	1100	0.042	-	-				
	e	4	47	56	450	0.024	-	-				
W,69	a	2	24	62	610	0.029	-	-				
	b	2	24	42	60	0.014	-	-	0.5	1	2.0	2
	c	0	0	74	950	0.037	-	-				
	d	4	47	50	280	0.020	-	-				
	e	0	0	48	220	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,69	a	2	24	60	560	0.027	-	-				
	b	4	47	68	780	0.033	-	-				
	c	2	24	62	610	0.029	-	-	0.5	1	1.5	1
	d	2	24	60	560	0.027	-	-				
	e	2	24	84	1200	0.044	-	-				
Y,69	a	12	140	100	1700	0.056	-	-				
	b	4	47	74	950	0.037	-	-				
	c	4	47	50	280	0.020	-	-				
	d	0	0	76	1000	0.039	-	-	0.5	1	1.0	0
	e	0	0	70	840	0.034	-	-				
S,72	a	2	24	68	780	0.033	-	-				
	b	6	71	82	1200	0.043	-	-				
	c	0	0	56	450	0.024	-	-				
	d	2	24	60	560	0.027	-	-				
	e	2	24	68	780	0.033	-	-	0	0	2.0	2
I,72	a	0	0	54	390	0.023	-	-				
	b	2	24	60	560	0.027	-	-				
	c	0	0	52	340	0.022	-	-				
	d	0	0	62	610	0.029	-	-	0	0	1.5	1
	e	2	24	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
U,72	a	0	0	50	280	0.020	-	-				
	b	2	24	84	1200	0.044	-	-				
	c	2	24	68	780	0.033	-	-	0	0	2.5	3
	d	4	47	58	500	0.026	-	-				
	e	2	24	102	1700	0.057	-	-				
V,72	a	2	24	60	560	0.027	-	-				
	b	0	0	68	780	0.033	-	-				
	c	4	47	46	170	0.017	-	-	0.5	1	1.5	1
	d	0	0	48	220	0.019	-	-				
	e	0	0	62	610	0.029	-	-				
W,72	a	2	24	68	780	0.033	-	-				
	b	8	94	60	560	0.027	-	-	0.5	1	2.5	3
	c	2	24	84	1200	0.044	-	-				
	d	2	24	72	890	0.036	-	-				
	e	0	0	70	840	0.034	-	-				
X,72	a	6	71	72	890	0.036	-	-	0.5	1	1.5	1
	b	0	0	68	780	0.033	-	-				
	c	6	71	56	450	0.024	-	-				
	d	8	94	80	1100	0.042	-	-				
	e	2	24	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 114-35/38 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,72	a	2	24	68	780	0.033	-	-				
	b	6	71	46	170	0.017	-	-				
	c	4	47	66	730	0.032	-	-				
	d	2	24	92	1500	0.050	-	-				
	e	2	24	64	670	0.030	-	-	0	0	1.0	0
S,75	a	2	24	42	60	0.014	-	-				
	b	2	24	64	670	0.030	-	-	0	0	1.5	1
	c	2	24	48	220	0.019	-	-				
	d	12	140	42	60	0.014	-	-				
	e	2	24	54	390	0.023	-	-				
T,75	a	6	71	56	450	0.024	-	-				
	b	4	47	76	1000	0.039	-	-				
	c	0	0	50	280	0.020	-	-				
	d	0	0	90	1400	0.049	-	-	0	0	2.0	2
	e	6	71	56	450	0.026	-	-				
U,75	a	0	0	54	390	0.023	-	-				
	b	2	24	68	780	0.033	-	-				
	c	4	47	78	1100	0.040	-	-	0.5	1	1.5	1
	d	0	0	70	840	0.034	-	-				
	e	8	94	46	170	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR MB, BR, PF DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA [illegible] FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V,75	a	2	24	66	730	0.032	-	-				
	b	0	0	72	890	0.036	-	-				
	c	0	0	70	840	0.034	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	76	1000	0.039	-	-	0	0	0.5	0
W,75	a	2	24	84	1200	0.044	-	-				
	b	4	47	70	840	0.034	-	-	0	0	1.5	1
	c	4	47	58	500	0.026	-	-				
	d	2	24	72	890	0.036	-	-				
	e	0	0	78	1100	0.040	-	-				
X,75	a	2	24	72	890	0.036	-	-	0	0	1.0	0
	b	2	24	54	390	0.023	-	-				
	c	2	24	82	1200	0.043	-	-				
	d	4	47	72	890	0.036	-	-				
	e	0	0	86	1300	0.046	-	-				
Y,75	a	2	24	68	780	0.033	-	-				
	b	4	47	64	670	0.030	-	-	0	0	3.0	4
	c	0	0	50	280	0.020	-	-				
	d	0	0	62	610	0.029	-	-				
	e	2	24	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) PF, MB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 114 - 35/38

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Y,78	a	4	47	68	780	0.033	-	-				
	b	4	47	70	840	0.034	-	-	0	0	1.5	1
	c	2	24	56	450	0.024	-	-				
	d	2	24	82	1200	0.043	-	-				
	e	2	24	84	1200	0.044	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, CP DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,78	a	2	24	48	220	0.019	-	-				
	b	8	94	40	0	0.013	-	-	1.0	2	3.0	4
	c	2	24	36	0	0.013	-	-				
	d	0	0	46	170	0.017	-	-				
	e	4	47	48	220	0.019	-	-				
U,78	a	6	71	20	0	0.013	-	-				
	b	6	71	30	0	0.013	-	-				
	c	4	47	20	0	0.013	-	-				
	d	8	94	30	0	0.013	-	-	0	0	2.0	2
	e	6	71	20	0	0.013	-	-				
V,78	a	0	0	38	0	0.013	-	-				
	b	0	0	40	0	0.013	-	-				
	c	2	24	42	60	0.014	-	-				
	d	0	0	54	390	0.023	-	-				
	e	0	0	54	390	0.023	-	-	1.0	2	5.0	7
X,78	a	0	0	50	280	0.020	-	-				
	b	0	0	50	280	0.020	-	-				
	c	4	47	46	170	0.017	-	-	0	0	3.5	5
	d	0	0	44	110	0.016	-	-				
	e	0	0	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG, CMP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 114-35/38 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,78	a	6	71	50	280	0.020	-	-	0	0	3.5	5
	b	0	0	60	560	0.027	-	-				
	c	2	24	40	0	0.013	-	-				
	d	0	0	50	280	0.020	-	-				
	e	6	71	30	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CMP DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 114 - 35/38

CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,42	a	4	47	40	0	0.013	-	-				
	b	4	47	48	220	0.019	-	-				
	c	0	0	30	0	0.013	-	-				
	d	2	24	34	0	0.013	-	-				
	e	2	24	56	450	0.024	-	-	0	0	3.0	4
V,45	a	8	94	40	0	0.013	-	-	0	0	2.0	2
	b	0	0	44	110	0.016	-	-				
	c	2	24	38	0	0.013	-	-				
	d	4	47	40	0	0.013	-	-				
	e	4	47	36	0	0.013	-	-				
V,51	a	8	94	62	610	0.029	-	-	0.5	1	1.5	1
	b	2	24	44	110	0.016	-	-				
	c	0	0	40	0	0.013	-	-				
	d	0	0	46	170	0.017	-	-				
	e	4	47	38	0	0.013	-	-				
Y,57	a	4	47	48	220	0.019	-	-				
	b	0	0	46	170	0.017	-	-	0.5	1	0.5	0
	c	4	47	56	450	0.024	-	-				
	d	4	47	48	220	0.019	-	-				
	e	2	24	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 - NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, RG, BZ, AB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 114 - 35/38

CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,66	a	4	47	42	60	0.014	-	-				
	b	0	0	46	170	0.017	-	-				
	c	4	47	30	0	0.013	-	-	0.5	1	1.5	1
	d	0	0	42	60	0.014	-	-				
	e	4	47	36	0	0.013	-	-				
Y,66	a	2	24	42	60	0.014	-	-	0.5	1	1.5	1
	b	0	0	42	60	0.014	-	-				
	c	2	24	46	170	0.017	-	-				
	d	8	94	30	0	0.013	-	-				
	e	0	0	30	0	0.013	-	-				
Y,69	a	0	0	40	0	0.013	-	-				
	b	8	94	42	60	0.014	-	-				
	c	4	47	22	0	0.013	-	-				
	d	2	24	36	0	0.013	-	-				
	e	2	24	40	0	0.013	-	-	0	0	1.0	0
I,72	a	2	24	28	0	0.013	-	-				
	b	2	24	30	0	0.013	-	-				
	c	0	0	32	0	0.013	-	-				
	d	0	0	42	60	0.014	-	-				
	e	0	0	30	0	0.013	-	-	0	0	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 - NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, AB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-36|39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,42	a	2	24	72	890	0.036	-	-				
	b	2	24	62	610	0.029	-	-				
	c	2	24	92	1500	0.050	-	-				
	d	0	0	66	730	0.032	-	-				
	e	10	120	68	780	0.033	-	-	0	0	1.0	0
AA,42	a	0	0	92	1500	0.050	-	-	1.0	2	0.5	0
	b	4	47	48	220	0.019	-	-				
	c	0	0	66	730	0.032	-	-				
	d	4	47	56	450	0.024	-	-				
	e	0	0	52	340	0.022	-	-				
AB,42	a	2	24	70	840	0.034	-	-				
	b	10	120	56	450	0.024	-	-	0	0	4.5	6
	c	4	47	76	1000	0.039	-	-				
	d	2	24	62	610	0.029	-	-				
	e	4	47	64	670	0.030	-	-				
AC,42	a	2	24	64	670	0.030	-	-				
	b	4	47	52	340	0.022	-	-				
	c	4	47	72	890	0.036	-	-	0	0	3.5	5
	d	0	0	86	1300	0.046	-	-				
	e	0	0	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 112-36|39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD,42	a	6	71	88	1300	0.047	-	-				
	b	2	24	48	220	0.019	-	-				
	c	2	24	50	280	0.020	-	-				
	d	6	71	62	610	0.029	-	-				
	e	6	71	88	1300	0.047	-	-	0.5	1	2.0	2
AE,42	a	2	24	56	450	0.024	-	-				
	b	2	24	56	450	0.024	-	-				
	c	2	24	66	730	0.032	-	-				
	d	6	71	70	840	0.034	-	-	1.0	2	7.5	12
	e	4	47	60	560	0.027	-	-				
Z,45	a	0	0	88	1300	0.047	-	-				
	b	0	0	72	890	0.036	-	-				
	c	4	47	62	610	0.029	-	-				
	d	2	24	58	500	0.026	-	-				
	e	2	24	82	1200	0.043	-	-	0	0	4.5	6
AA,45	a	6	71	64	670	0.030	-	-	0	0	2.0	2
	b	0	0	68	780	0.033	-	-				
	c	4	47	54	390	0.023	-	-				
	d	6	71	42	60	0.014	-	-				
	e	0	0	44	110	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 112 - 36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AB,45	a	0	0	64	670	0.030	-	-				
	b	4	47	96	1600	0.053	-	-	0	0	2.5	3
	c	0	0	74	950	0.037	-	-				
	d	2	24	70	840	0.034	-	-				
	e	4	47	54	390	0.023	-	-				
AC,45	a	6	71	60	560	0.027	-	-				
	b	0	0	76	1000	0.039	-	-				
	c	2	24	56	450	0.024	-	-				
	d	4	47	74	950	0.037	-	-				
	e	4	47	66	730	0.032	-	-	0.5	1	1.0	1
AD,45	a	0	0	74	950	0.037	-	-	1.0	2	2.5	3
	b	2	24	70	840	0.034	-	-				
	c	8	94	62	610	0.029	-	-				
	d	4	47	60	560	0.027	-	-				
	e	0	0	60	560	0.027	-	-				
AE,45	a	0	0	66	730	0.032	-	-				
	b	2	24	74	950	0.037	-	-				
	c	6	71	66	730	0.032	-	-				
	d	0	0	80	1100	0.042	-	-				
	e	6	71	60	560	0.027	-	-	1.0	2	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 112 - 36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z,48	a	6	71	70	840	0.034	-	-				
	b	2	24	66	730	0.032	-	-				
	c	2	24	58	500	0.026	-	-				
	d	4	47	72	890	0.036	-	-	0	0	2.5	3
	e	2	24	68	780	0.033	-	-				
AA,48	a	4	47	74	950	0.037	-	-				
	b	0	0	58	500	0.026	-	-				
	c	2	24	72	890	0.036	-	-	0	0	3.5	5
	d	0	0	48	220	0.019	-	-				
	e	2	24	46	170	0.017	-	-				
AB,48	a	0	0	60	560	0.027	-	-				
	b	0	0	70	840	0.034	-	-	0	0	3.0	4
	c	2	24	70	840	0.034	-	-				
	d	4	47	58	500	0.026	-	-				
	e	0	0	60	560	0.027	-	-				
AC,48	a	4	47	72	890	0.036	-	-	0	0	2.5	3
	b	4	47	60	560	0.027	-	-				
	c	2	24	58	500	0.026	-	-				
	d	6	71	60	560	0.027	-	-				
	e	4	47	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, RR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,48	a	0	0	72	890	0.036	-	-				
	b	6	71	46	170	0.017	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	68	780	0.033	-	-				
	e	0	0	68	780	0.033	-	-	0	0	3.5	5
AE,48	a	4	47	84	1200	0.044	-	-				
	b	2	24	72	890	0.036	-	-				
	c	0	0	80	1100	0.042	-	-				
	d	2	24	54	390	0.023	-	-	0	0	0.5	0
	e	2	24	62	610	0.029	-	-				
Z,51	a	2	24	54	390	0.023	-	-				
	b	0	0	68	780	0.033	-	-				
	c	0	0	70	840	0.034	-	-	0	0	0.5	0
	d	2	24	78	1100	0.040	-	-				
	e	0	0	84	1200	0.044	-	-				
AA,51	a	2	24	46	170	0.017	-	-				
	b	2	24	52	340	0.022	-	-				
	c	2	24	60	560	0.027	-	-				
	d	0	0	66	730	0.032	-	-	0	0	5.0	7
	e	2	24	80	1100	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 - NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AB,51	a	2	24	50	280	0.020	-	-				
	b	4	47	82	1200	0.043	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	74	950	0.037	-	-	0	0	5.0	7
	e	2	24	68	780	0.033	-	-				
AC,51	a	2	24	62	610	0.029	-	-	0	0	2.0	2
	b	2	24	68	780	0.033	-	-				
	c	2	24	64	670	0.030	-	-				
	d	0	0	64	670	0.030	-	-				
	e	4	47	68	780	0.033	-	-				
AD,51	a	2	24	72	890	0.036	-	-				
	b	4	47	52	340	0.022	-	-	0.5	1	3.0	4
	c	0	0	62	610	0.029	-	-				
	d	0	0	60	560	0.027	-	-				
	e	2	24	54	390	0.023	-	-				
AE,51	a	4	47	60	560	0.027	-	-				
	b	0	0	70	840	0.034	-	-				
	c	4	47	86	1300	0.046	-	-	0.5	1	2.5	3
	d	10	120	74	950	0.037	-	-				
	e	0	0	68	780	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 - NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,54	a	2	24	52	340	0.022	-	-				
	b	2	24	74	950	0.037	-	-	0	0	4.5	6
	c	4	47	60	560	0.027	-	-				
	d	6	71	62	610	0.029	-	-				
	e	0	0	72	890	0.036	-	-				
AA,54	a	2	24	80	1100	0.042	-	-	0	0	2.5	3
	b	0	0	70	840	0.034	-	-				
	c	2	24	60	560	0.027	-	-				
	d	2	24	74	950	0.037	-	-				
	e	0	0	48	220	0.019	-	-				
AB,54	a	8	94	62	610	0.029	-	-				
	b	4	47	62	610	0.029	-	-				
	c	2	24	48	220	0.019	-	-				
	d	0	0	60	560	0.027	-	-				
	e	0	0	66	730	0.032	-	-	0	0	6.0	9
AC,54	a	2	24	62	610	0.029	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	6	71	62	610	0.029	-	-				
	d	2	24	74	950	0.037	-	-	0	0	3.5	5
	e	0	0	60	560	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD,54	a	4	47	74	950	0.037	-	-				
	b	4	47	72	890	0.036	-	-				
	c	2	24	62	610	0.029	-	-	0.5	1	3.0	4
	d	2	24	64	670	0.030	-	-				
	e	4	47	66	730	0.032	-	-				
AE,54	a	8	94	80	1100	0.042	-	-				
	b	0	0	82	1200	0.043	-	-	0	0	1.5	1
	c	2	24	72	890	0.036	-	-				
	d	6	71	70	840	0.034	-	-				
	e	0	0	72	890	0.036	-	-				
Z,57	a	2	24	54	390	0.023	-	-				
	b	0	0	62	610	0.029	-	-	0	0	2.0	2
	c	4	47	72	890	0.036	-	-				
	d	0	0	46	170	0.017	-	-				
	e	0	0	58	500	0.026	-	-				
AA,57	a	6	71	82	1200	0.043	-	-				
	b	2	24	66	730	0.032	-	-	1.0	2	5.0	7
	c	2	24	60	560	0.029	-	-				
	d	0	0	78	1100	0.040	-	-				
	e	0	0	76	1000	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB,57	a	2	24	84	1200	0.044	-	-				
	b	4	47	66	730	0.032	-	-				
	c	0	0	72	890	0.036	-	-	1.0	2	2.5	3
	d	0	0	68	780	0.033	-	-				
	e	2	24	78	1100	0.040	-	-				
AC,57	a	4	47	72	890	0.036	-	-				
	b	2	24	58	500	0.026	-	-				
	c	2	24	82	1200	0.043	-	-				
	d	4	47	50	280	0.020	-	-	0	0	2.5	3
	e	2	24	54	390	0.023	-	-				
AD,57	a	4	47	56	450	0.024	-	-				
	b	0	0	54	390	0.023	-	-				
	c	4	47	34	0	0.013	-	-				
	d	4	47	46	170	0.017	-	-				
	e	2	24	72	890	0.036	-	-	1.0	2	2.0	2
AE,57	a	2	24	74	950	0.037	-	-	0	0	4.0	5
	b	2	24	70	840	0.034	-	-				
	c	2	24	50	280	0.020	-	-				
	d	6	71	50	280	0.020	-	-				
	e	—	—	—	—	—	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,60	a	2	24	66	730	0.032	-	-	0.5	1	1.5	1
	b	2	24	76	1000	0.039	-	-				
	c	4	47	58	500	0.026	-	-				
	d	2	24	52	340	0.022	-	-				
	e	2	24	62	610	0.029	-	-				
AA,60	a	0	0	72	890	0.036	-	-				
	b	2	24	72	890	0.036	-	-				
	c	6	71	72	890	0.036	-	-				
	d	4	47	62	610	0.029	-	-				
	e	2	24	78	1100	0.040	-	-	0	0	3.0	4
AB,60	a	4	47	60	560	0.027	-	-	0	0	4.0	5
	b	2	24	92	1500	0.050	-	-				
	c	2	24	56	450	0.024	-	-				
	d	0	0	56	450	0.024	-	-				
	e	0	0	60	560	0.027	-	-				
AC,60	a	2	24	54	390	0.023	-	-				
	b	2	24	64	670	0.030	-	-				
	c	2	24	94	1500	0.052	-	-				
	d	0	0	56	450	0.024	-	-	0.5	1	2.5	3
	e	2	24	74	950	0.037	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,60	a	4	47	82	1200	0.043	-	-				
	b	6	71	62	610	0.029	-	-				
	c	2	24	80	1100	0.042	-	-	0.5	1	4.5	6
	d	4	47	74	950	0.037	-	-				
	e	4	47	76	1000	0.039	-	-				
AE,60	a	2	24	70	840	0.034	-	-				
	b	6	71	66	730	0.032	-	-	0	0	1.5	1
	c	6	71	60	560	0.027	-	-				
	d	4	47	82	1200	0.043	-	-				
	e	6	71	72	890	0.036	-	-				
Z,63	a	0	0	82	1200	0.043	-	-	0	0	1.5	1
	b	0	0	52	340	0.022	-	-				
	c	2	24	76	1000	0.039	-	-				
	d	0	0	40	0	0.013	-	-				
	e	2	24	78	1100	0.040	-	-				
AA,63	a	4	47	66	730	0.032	-	-				
	b	2	24	70	840	0.034	-	-	0	0	1.0	0
	c	4	47	60	560	0.027	-	-				
	d	8	94	66	730	0.032	-	-				
	e	4	47	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AB,63	a	4	47	60	560	0.027	-	-				
	b	2	24	102	1700	0.057	-	-				
	c	2	24	54	390	0.023	-	-	0	0	2.0	2
	d	2	24	96	1600	0.053	-	-				
	e	4	47	54	390	0.023	-	-				
AC,63	a	6	71	84	1200	0.044	-	-				
	b	2	24	70	840	0.034	-	-				
	c	4	47	78	1100	0.040	-	-				
	d	2	24	62	610	0.029	-	-	0.5	1	4.0	5
	e	10	120	68	780	0.033	-	-				
AD,63	a	0	0	50	280	0.020	-	-				
	b	0	0	84	1200	0.044	-	-				
	c	0	0	60	560	0.027	-	-				
	d	6	71	46	170	0.017	-	-				
	e	2	24	76	1000	0.039	-	-	0	0	3.5	5
AE,63	a	6	71	80	1100	0.042	-	-	0	0	2.5	3
	b	2	24	54	390	0.023	-	-				
	c	10	120	78	1100	0.040	-	-				
	d	2	24	56	450	0.024	-	-				
	e	4	47	78	1100	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z,66	a	6	71	78	1100	0.040	-	-	0	0	2.0	2
	b	2	24	74	950	0.037	-	-				
	c	0	0	70	840	0.034	-	-				
	d	2	24	46	170	0.017	-	-				
	e	2	24	78	1100	0.040	-	-				
AA,66	a	0	0	56	450	0.024	-	-				
	b	0	0	74	950	0.037	-	-				
	c	6	71	64	670	0.030	-	-				
	d	0	0	56	450	0.024	-	-				
	e	2	24	74	950	0.037	-	-	1.0	2	3.0	4
AB,66	a	4	47	62	610	0.029	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	2	24	80	1100	0.042	-	-				
	d	0	0	46	170	0.017	-	-	0	0	1.5	1
	e	0	0	70	840	0.034	-	-				
AC,66	a	0	0	66	730	0.032	-	-				
	b	4	47	52	340	0.022	-	-				
	c	0	0	52	340	0.022	-	-	0	0	1.5	1
	d	0	0	62	610	0.029	-	-				
	e	4	47	76	1000	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,66	a	4	47	46	170	0.017	-	-				
	b	4	47	76	1000	0.039	-	-	0	0	2.5	3
	c	2	24	74	950	0.037	-	-				
	d	0	0	48	220	0.019	-	-				
	e	2	24	92	1500	0.050	-	-				
AE,66	a	0	0	68	780	0.033	-	-	0	0	3.5	4
	b	2	24	54	390	0.023	-	-				
	c	0	0	78	1100	0.040	-	-				
	d	2	24	46	170	0.017	-	-				
	e	0	0	78	1100	0.040	-	-				
Z,69	a	0	0	60	560	0.027	-	-				
	b	4	47	62	610	0.029	-	-				
	c	4	47	56	450	0.024	-	-				
	d	2	24	62	610	0.029	-	-				
	e	4	47	76	1000	0.039	-	-	0	0	1.0	0
AA,69	a	2	24	64	670	0.030	-	-	0	0	0.5	0
	b	2	24	74	950	0.037	-	-				
	c	0	0	62	610	0.029	-	-				
	d	0	0	86	1300	0.046	-	-				
	e	2	24	82	1200	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112 - 36/37 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB,69	a	4	47	78	1100	0.040	-	-				
	b	6	71	54	390	0.023	-	-	0	0	2.5	3
	c	0	0	72	890	0.036	-	-				
	d	6	71	68	780	0.033	-	-				
	e	2	24	50	280	0.020	-	-				
AC,69	a	2	24	76	1000	0.039	-	-				
	b	8	94	88	1300	0.047	-	-				
	c	2	24	68	780	0.033	-	-	0	0	2.0	2
	d	2	24	62	610	0.029	-	-				
	e	2	24	76	1000	0.039	-	-				
AD,69	a	2	24	58	500	0.026	-	-				
	b	4	47	56	450	0.024	-	-				
	c	6	71	58	500	0.026	-	-				
	d	0	0	62	610	0.029	-	-	0	0	4.5	6
	e	4	47	94	1500	0.052	-	-				
AE,69	a	0	0	72	890	0.036	-	-				
	b	0	0	56	450	0.024	-	-				
	c	4	47	58	500	0.026	-	-				
	d	0	0	64	670	0.030	-	-				
	e	0	0	68	780	0.033	-	-	0	0	1.0	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,72	a	4	47	70	840	0.034	-	-				
	b	2	24	70	840	0.034	-	-				
	c	2	24	58	500	0.026	-	-				
	d	4	47	56	450	0.024	-	-	0	0	1.5	1
	e	4	47	52	340	0.022	-	-				
AA,72	a	0	0	88	1300	0.047	-	-				
	b	0	0	72	890	0.036	-	-				
	c	4	47	72	890	0.036	-	-	0	0	1.0	0
	d	0	0	80	1100	0.042	-	-				
	e	4	47	54	390	0.023	-	-				
AB,72	a	2	24	60	560	0.027	-	-				
	b	6	71	64	670	0.030	-	-	0	0	2.5	3
	c	4	47	64	670	0.030	-	-				
	d	4	47	70	840	0.034	-	-				
	e	0	0	78	1100	0.040	-	-				
AC,72	a	8	94	70	840	0.034	-	-	0	0	0.5	0
	b	4	47	86	1300	0.046	-	-				
	c	4	47	52	340	0.022	-	-				
	d	0	0	56	450	0.024	-	-				
	e	6	71	62	610	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112 - 36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,72	a	2	24	58	500	0.026	-	-				
	b	4	47	84	1200	0.044	-	-				
	c	2	24	56	450	0.024	-	-				
	d	0	0	74	950	0.037	-	-				
	e	0	0	42	60	0.014	-	-	0	0	0.5	0
AE,72	a	0	0	52	340	0.022	-	-				
	b	8	94	70	840	0.034	-	-				
	c	0	0	40	0	0.013	-	-	0	0	1.5	1
	d	4	47	46	170	0.017	-	-				
	e	0	0	44	110	0.016	-	-				
Z,75	a	4	47	70	840	0.034	-	-				
	b	0	0	48	220	0.019	-	-				
	c	2	24	66	730	0.032	-	-	0.5	1	1.5	1
	d	0	0	70	840	0.034	-	-				
	e	4	47	78	1100	0.040	-	-				
AA,75	a	2	24	80	1100	0.042	-	-				
	b	4	47	74	950	0.037	-	-				
	c	0	0	70	840	0.034	-	-				
	d	2	24	76	1000	0.039	-	-	0	0	2.0	2
	e	2	24	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112 - 36/39 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AB,75	a	2	24	44	110	0.016	-	-				
	b	10	120	64	670	0.030	-	-				
	c	6	71	106	1800	0.060	-	-				
	d	4	47	60	560	0.027	-	-				
	e	4	47	66	730	0.032	-	-	0	0	2.0	2
AC,75	a	2	24	56	450	0.024	-	-	0	0	2.5	3
	b	0	0	60	560	0.027	-	-				
	c	2	24	68	780	0.033	-	-				
	d	0	0	64	670	0.030	-	-				
	e	2	24	54	390	0.023	-	-				
AD,75	a	14	170	50	280	0.020	-	-				
	b	0	0	60	560	0.027	-	-	0.5	1	1.0	0
	c	0	0	70	840	0.034	-	-				
	d	8	94	74	950	0.037	-	-				
	e	2	24	54	390	0.023	-	-				
AE,75	a	2	24	78	1100	0.040	-	-				
	b	0	0	54	390	0.023	-	-				
	c	2	24	82	1200	0.043	-	-				
	d	4	47	56	450	0.024	-	-	0.5	1	2.0	2
	e	4	47	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MR, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-36/59 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,48	a	4	47	60	560	0.027	-	-				
	b	0	0	54	390	0.023	-	-				
	c	2	24	64	670	0.030	-	-				
	d	4	47	64	670	0.030	-	-	0	0	3.0	4
	e	2	24	52	340	0.022	-	-				
AE,54	a	4	47	40	0	0.013	-	-				
	b	4	47	42	60	0.014	-	-				
	c	4	47	60	560	0.027	-	-	0	0	1.5	1
	d	0	0	46	170	0.017	-	-				
	e	0	0	50	280	0.020	-	-				
AE,54	a	4	47	66	730	0.032	-	-	0	0	4.0	5
	b	4	47	50	280	0.020	-	-				
	c	0	0	46	170	0.017	-	-				
	d	6	71	34	0	0.013	-	-				
	e	2	24	48	220	0.019	-	-				
AE,60	a	2	24	54	390	0.023	-	-				
	b	4	47	42	60	0.014	-	-	0	0	2.0	2
	c	2	24	64	670	0.030	-	-				
	d	2	24	66	730	0.032	-	-				
	e	2	24	24	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 112-36/39 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,63	a	6	71	24	0	0.013	-	-	0	0	3.0	4
	b	2	24	62	610	0.029	-	-				
	c	2	24	52	340	0.022	-	-				
	d	0	0	58	500	0.026	-	-				
	e	0	0	48	220	0.019	-	-				
AE,66	a	2	24	46	170	0.017	-	-				
	b	4	47	38	0	0.013	-	-				
	c	6	71	40	0	0.013	-	-	0	0	3.0	4
	d	0	0	64	670	0.030	-	-				
	e	0	0	64	670	0.030	-	-				
AE,72	a	2	24	60	560	0.027	-	-				
	b	6	71	80	1100	0.042	-	-				
	c	2	24	50	280	0.020	-	-				
	d	4	47	100	1700	0.056	-	-	0.5	1	4.5	6
	e	2	24	80	1100	0.042	-	-				
AE,72	a	8	94	52	340	0.022	-	-	0.5	1	5.5	8
	b	0	0	44	110	0.016	-	-				
	c	6	71	34	0	0.013	-	-				
	d	4	47	52	340	0.022	-	-				
	e	4	47	60	560	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, AB DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 112-36/39 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,78	a	14	170	62	610	0.029	-	-	0	0	2.0	2
	b	2	24	46	170	0.017	-	-				
	c	2	24	48	220	0.019	-	-				
	d	0	0	42	60	0.014	-	-				
	e	4	47	42	60	0.014	-	-				
AE,80	a	2	24	46	170	0.017	-	-				
	b	2	24	48	220	0.019	-	-				
	c	0	0	64	670	0.030	-	-				
	d	0	0	42	60	0.014	-	-				
	e	4	47	50	280	0.020	-	-	0.5	1	4.0	5
AB,78	a	4	47	48	220	0.019	-	-	0	0	2.0	2
	b	6	71	24	0	0.013	-	-				
	c	2	24	62	610	0.029	-	-				
	d	0	0	60	560	0.027	-	-				
	e	2	24	34	0	0.013	-	-				
AD,78	a	6	71	36	0	0.013	-	-				
	b	2	24	38	0	0.013	-	-				
	c	6	71	34	0	0.013	-	-	0	0	1.5	1
	d	2	24	32	0	0.013	-	-				
	e	2	24	22	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, AB DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 112-36/39 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,78	a	2	24	26	0	0.013	-	-				
	b	0	0	44	110	0.016	-	-				
	c	0	0	32	0	0.013	-	-				
	d	2	24	20	0	0.013	-	-				
	e	2	24	34	0	0.013	-	-	0	0	3.5	4
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, AJB DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 112-36/39 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,45	a	2	24	36	0	0013	-	-				
	b	6	71	42	60	0.014	-	-	0	0	1.5	1
	c	6	71	28	0	0.013	-	-				
	d	4	47	44	110	0.016	-	-				
	e	2	24	40	0	0.013	-	-				
AD,45	a	2	24	28	0	0013	-	-				
	b	2	24	32	0	0.013	-	-				
	c	4	47	40	0	0.013	-	-	0.5	1	3.0	4
	d	4	47	36	0	0.013	-	-				
	e	4	47	34	0	0013	-	-				
AB,54	a	0	0	38	0	0013	-	-				
	b	4	47	38	0	0013	-	-				
	c	0	0	40	0	0013	-	-				
	d	4	47	38	0	0013	-	-	1.0	2	2.5	3
	e	2	24	38	0	0.013	-	-				
AC,54	a	4	47	24	0	0.013	-	-				
	b	10	120	38	0	0.013	-	-	0	0	3.0	4
	c	0	0	34	0	0.013	-	-				
	d	2	24	44	110	0.016	-	-				
	e	6	71	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 - NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, RG DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-36/39 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
A,66	a	4	47	42	60	0014	-	-				
	b	10	120	36	0	0.013	-	-	0.5	1	1.5	1
	c	2	24	42	60	0.014	-	-				
	d	0	0	42	60	0.014	-	-				
	e	0	0	44	110	0.016	-	-				
2,66	a	4	47	34	0	0.013	-	-				
	b	0	0	46	170	0.017	-	-				
	c	4	47	52	340	0.022	-	-	0	0	2.0	2
	d	8	94	32	0	0.013	-	-				
	e	0	0	32	0	0.013	-	-				
,69	a	2	24	22	0	0.013	-	-				
	b	2	24	44	110	0.016	-	-				
	c	0	0	48	220	0019	-	-				
	d	0	0	38	0	0.013	-	-				
	e	4	47	42	60	0.014	-	-	0	0	1.0	0
'5	a	2	24	50	280	0020	-	-				
	b	2	24	50	280	0.020	-	-				
	c	4	47	50	280	0020	-	-				
	d	2	24	70	840	0034	-	-				
	e	4	47	44	110	0.016	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 - NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

* Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, PF DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 110-56 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S, 78	a	8	94	48	220	0.019	-	-				
	b	4	47	60	560	0.027	-	-	1.0	2	3.5	5
	c	4	47	48	220	0.019	-	-				
	d	4	47	26	0	0.013	-	-				
	e	2	24	44	110	0.016	-	-				
T, 78	a	0	0	40	0	0.013	-	-				
	b	6	71	50	280	0.020	-	-	0.5	1	1.0	0
	c	2	24	62	610	0.029	-	-				
	d	0	0	62	610	0.029	-	-				
	e	2	24	40	0	0.013	-	-				
U, 78	a	6	71	36	0	0.013	-	-	0	0	3.0	4
	b	0	0	46	170	0.017	-	-				
	c	4	47	40	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	0	0	40	0	0.013	-	-				
V, 78	a	6	71	38	0	0.013	-	-	0	0	4.0	5
	b	0	0	52	340	0.022	-	-				
	c	4	47	44	110	0.016	-	-				
	d	2	24	58	500	0.026	-	-				
	e	0	0	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) CP, BZ DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 110-56 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W, 78	a	0	0	52	340	0.022	-	-				
	b	2	24	74	950	0.037	-	-	0.5	1	2.0	2
	c	0	0	52	340	0.022	-	-				
	d	2	24	58	500	0.026	-	-				
	e	2	24	46	170	0.017	-	-				
T, 81	a	4	47	64	670	0.030	-	-				
	b	0	0	74	950	0.037	-	-				
	c	6	71	46	170	0.017	-	-	0	0	3.0	4
	d	2	24	34	0	0.013	-	-				
	e	2	24	54	390	0.023	-	-				
U, 81	a	0	0	44	110	0.016	-	-				
	b	0	0	50	280	0.020	-	-				
	c	2	24	64	670	0.030	-	-	0.5	1	3.5	5
	d	2	24	38	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				
V, 81	a	6	71	36	0	0.013	-	-	0	0	1.5	1
	b	2	24	54	390	0.023	-	-				
	c	0	0	54	390	0.023	-	-				
	d	2	24	54	390	0.023	-	-				
	e	0	0	42	60	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) CP, BZ DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 11D-56 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V,81	a	4	47	74	950	0.037	-	-				
	b	2	24	60	560	0.027	-	-				
	c	2	24	90	1400	0.049	-	-	0	0	1.5	1
	d	2	24	72	890	0.036	-	-				
	e	2	24	78	1100	0.040	-	-				
,84	a	0	0	68	780	0.033	-	-	0	0	2.5	3
	b	2	24	36	0	0.013	-	-				
	c	4	47	40	0	0.013	-	-				
	d	2	24	46	170	0.017	-	-				
	e	2	24	62	610	0.029	-	-				
1,84	a	10	120	56	450	0.024	-	-				
	b	4	47	90	1400	0.049	-	-	0.5	1	1.5	1
	c	8	94	70	840	0.034	-	-				
	d	2	24	50	280	0.020	-	-				
	e	6	71	80	1100	0.042	-	-				
,84	a	2	24	48	220	0.019	-	-				
	b	6	71	54	390	0.023	-	-				
	c	2	24	66	730	0.032	-	-	1.0	2	4.5	6
	d	2	24	32	0	0.013	-	-				
	e	0	0	64	670	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, BZ, PF, MB DATE 5-27-83, 5-26-83

FACILITY ESG Phase I ROOM / AREA 11D-56 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V,84	a	4	47	62	610	0.029	-	-				
	b	2	24	70	840	0.034	-	-				
	c	4	47	56	450	0.024	-	-				
	d	0	0	70	840	0.034	-	-				
	e	2	24	80	1100	0.042	-	-	0.5	1	0.5	0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, PF DATE 5-26-83

FACILITY ESG Phase I

ROOM / AREA 110-56 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,81	a	6	71	44	110	0.016	-	-				
	b	2	24	66	730	0.032	-	-	0.5	1	4.5	6
	c	2	24	32	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	4	47	34	0	0.013	-	-				
V,81	a	6	71	50	280	0.022	-	-				
	b	2	24	32	0	0.013	-	-				
	c	0	0	34	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	6	71	34	0	0.013	-	-	0.5	1	4.0	5
X,81	a	4	47	52	340	0.022	-	-	0	0	3.5	5
	b	2	24	50	280	0.020	-	-				
	c	0	0	28	0	0.013	-	-				
	d	0	0	34	0	0.013	-	-				
	e	6	71	30	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) AJB, RG

DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,87	a	0	0	50	280	0.020	-	-				
	b	8	94	52	340	0.022	-	-	0.5	1	1.5	1
	c	0	0	60	560	0.027	-	-				
	d	0	0	54	390	0.023	-	-				
	e	0	0	46	170	0.017	-	-				
1,87	a	0	0	48	220	0.019	-	-				
	b	0	0	62	610	0.029	-	-				
	c	0	0	52	340	0.022	-	-				
	d	2	24	62	610	0.029	-	-	1.0	2	3.5	5
	e	0	0	52	340	0.022	-	-				
1,87	a	4	47	44	110	0.016	-	-				
	b	4	47	66	730	0.032	-	-	0	0	1.5	1
	c	0	0	54	390	0.023	-	-				
	d	2	24	58	500	0.026	-	-				
	e	2	24	50	280	0.020	-	-				
1,87	a	2	24	52	340	0.022	-	-				
	b	6	71	52	340	0.022	-	-				
	c	0	0	52	340	0.022	-	-				
	d	4	47	44	110	0.016	-	-				
	e	0	0	86	1300	0.046	-	-	0	0	1.6	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, CP, MB, PF DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,87	a	4	47	50	280	0.020	-	-				
	b	4	47	60	560	0.027	-	-	0.5	1	2.5	3
	c	4	47	44	110	0.016	-	-				
	d	4	47	46	170	0.017	-	-				
	e	0	0	60	560	0.027	-	-				
1,87	a	0	0	52	340	0.022	-	-				
	b	12	140	60	560	0.027	-	-	0	0	0.5	0
	c	2	24	46	170	0.017	-	-				
	d	0	0	34	0	0.013	-	-				
	e	2	24	54	390	0.023	-	-				
1,87	a	0	0	54	390	0.023	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	46	170	0.017	-	-				
	d	4	47	48	220	0.019	-	-	1.0	0	4.5	6
	e	0	0	48	220	0.019	-	-				
1,90	a	6	71	54	390	0.023	-	-				
	b	4	47	62	610	0.029	-	-	0.5	1	2.0	2
	c	6	71	38	0	0.013	-	-				
	d	4	47	48	220	0.019	-	-				
	e	0	0	70	840	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, PF, BZ, CP DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T,90	a	2	24	54	390	0.023	-	-				
	b	0	0	54	390	0.023	-	-				
	c	4	47	74	950	0.037	-	-	0	0	2.0	2
	d	0	0	62	610	0.029	-	-				
	e	2	27	40	0	0.013	-	-				
U,90	a	8	94	42	60	0.014	-	-	0	0	2.0	2
	b	4	47	48	220	0.019	-	-				
	c	4	47	50	280	0.020	-	-				
	d	0	0	42	60	0.014	-	-				
	e	2	24	48	220	0.019	-	-				
V,90	a	4	47	58	500	0.026	-	-				
	b	0	0	70	840	0.034	-	-				
	c	4	47	60	560	0.027	-	-	0	0	2.5	3
	d	0	0	62	610	0.029	-	-				
	e	2	24	62	610	0.029	-	-				
W,90	a	0	0	52	340	0.022	-	-				
	b	2	24	66	730	0.032	-	-				
	c	0	0	52	340	0.022	-	-	1.0	2	3.0	4
	d	4	47	58	500	0.026	-	-				
	e	4	47	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) CP, BZ, PF, MB DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S,93	a	4	47	72	890	0.036	-	-	0	0	2.0	2
	b	2	24	38	0	0.013	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	56	450	0.024	-	-				
	e	2	24	42	60	0.014	-	-				
T,93	a	2	24	40	0	0.013	-	-				
	b	2	24	34	0	0.013	-	-				
	c	2	24	50	280	0.020	-	-				
	d	2	24	60	560	0.027	-	-	1.0	2	2.0	2
	e	2	24	54	390	0.023	-	-				
U,93	a	2	24	62	610	0.029	-	-				
	b	0	0	42	60	0.014	-	-	0	0	0	0
	c	0	0	54	390	0.023	-	-				
	d	8	94	46	170	0.017	-	-				
	e	0	0	34	0	0.013	-	-				
V,93	a	2	24	36	0	0.013	-	-				
	b	2	24	62	610	0.029	-	-	0.5	1	1.5	1
	c	2	24	50	280	0.020	-	-				
	d	2	24	48	220	0.019	-	-				
	e	0	0	46	170	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) BZ, CP DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
93	a	8	94	56	450	0.024	-	-	0	0	0.5	0
	b	2	24	80	1100	0.042	-	-				
	c	2	24	80	1100	0.042	-	-				
	d	0	0	84	1200	0.044	-	-				
	e	0	0	66	730	0.032	-	-				
96	a	6	71	52	340	0.022	-	-	0	0	4.0	5
	b	4	47	56	450	0.024	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	24	52	340	0.022	-	-				
	e	0	0	54	390	0.023	-	-				
96	a	0	0	40	0	0.013	-	-				
	b	2	24	50	280	0.020	-	-	0.5	1	2.0	4
	c	0	0	56	450	0.026	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	52	340	0.022	-	-				
96	a	0	0	42	60	0.014	-	-				
	b	0	0	58	500	0.026	-	-				
	c	2	24	68	780	0.033	-	-	0	0	1.5	1
	d	2	24	54	390	0.023	-	-				
	e	0	0	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

MARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, CP DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
96	a	2	24	46	170	0.017	-	-				
	b	4	47	62	610	0.029	-	-	0	0	3.0	4
	c	0	0	54	390	0.023	-	-				
	d	0	0	64	670	0.030	-	-				
	e	0	0	46	170	0.017	-	-				
1,96	a	2	24	48	220	0.019	-	-				
	b	2	24	46	170	0.017	-	-				
	c	2	24	90	1400	0.049	-	-	0	0	2.5	3
	d	2	24	60	560	0.027	-	-				
	e	4	47	64	670	0.030	-	-				
99	a	0	0	58	500	0.026	-	-				
	b	0	0	54	390	0.023	-	-				
	c	2	24	32	0	0.013	-	-	0	0	3.0	4
	d	2	24	58	500	0.026	-	-				
	e	2	24	58	500	0.026	-	-				
99	a	6	71	62	610	0.029	-	-				
	b	2	24	52	340	0.022	-	-				
	c	0	0	34	0	0.013	-	-				
	d	8	94	50	280	0.020	-	-	0.5	1	3.0	4
	e	0	0	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

MARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, CP, MB, BR DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
U,99	a	4	47	60	560	0.027	-	-				
	b	2	24	52	340	0.022	-	-				
	c	2	24	56	450	0.024	-	-				
	d	4	47	56	450	0.024	-	-				
	e	2	24	54	390	0.023	-	-	1.0	2	2.0	2
V,99	a	2	24	60	560	0.027	-	-	1.0	2	1.5	1
	b	0	0	48	220	0.019	-	-				
	c	0	0	52	340	0.022	-	-				
	d	4	47	46	170	0.017	-	-				
	e	0	0	42	60	0.014	-	-				
W,99	a	2	24	52	340	0.022	-	-				
	b	0	0	44	110	0.016	-	-	0	0	2.5	3
	c	2	24	38	0	0.013	-	-				
	d	8	94	42	60	0.014	-	-				
	e	4	47	52	340	0.022	-	-				
T,102	a	6	71	42	60	0.014	-	-				
	b	0	0	68	780	0.033	-	-				
	c	2	24	56	450	0.024	-	-				
	d	0	0	70	840	0.034	-	-	0	0	8.5	14
	e	4	47	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB. BR DATE

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
U,102	a	4	47	52	340	0.022	-	-				
	b	4	47	42	60	0.014	-	-				
	c	0	0	60	560	0.027	-	-	0.5	1	2.0	2
	d	0	0	60	560	0.027	-	-				
	e	6	71	42	60	0.014	-	-				
V,102	a	2	24	58	500	0.026	-	-				
	b	2	24	62	610	0.029	-	-	0.5	1	1.5	1
	c	0	0	40	0	0.013	-	-				
	d	0	0	70	840	0.034	-	-				
	e	0	0	38	0	0.013	-	-				
W,102	a	2	24	72	890	0.036	-	-	0.5	1	0.5	0
	b	4	47	70	840	0.034	-	-				
	c	6	71	60	560	0.027	-	-				
	d	0	0	36	0	0.013	-	-				
	e	4	47	80	1100	0.042	-	-				
T,105	a	0	0	48	220	0.019	-	-				
	b	6	71	76	1000	0.039	-	-				
	c	2	24	52	340	0.022	-	-	0.5	1	2.0	2
	d	2	24	50	280	0.020	-	-				
	e	10	120	56	450	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB. BR DATE

FACILITY ESG Phase I ROOM / AREA 115-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
4105	a	4	47	62	610	0.029	-	-				
	b	2	24	58	500	0.026	-	-				
	c	4	47	50	280	0.020	-	-				
	d	4	47	64	670	0.030	-	-	0.5	1	3.0	4
	e	6	71	44	110	0.016	-	-				
4105	a	0	0	46	170	0.017	-	-				
	b	4	47	52	340	0.022	-	-				
	c	6	71	68	780	0.033	-	-				
	d	2	24	42	60	0.013	-	-				
	e	2	24	50	280	0.020	-	-	0	0	1.5	1
4105	a	0	0	52	340	0.022	-	-	0	0	2.5	3
	b	2	24	64	670	0.030	-	-				
	c	0	0	40	0	0.013	-	-				
	d	6	71	64	670	0.030	-	-				
	e	4	47	48	220	0.019	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) BR DATE

FACILITY ESG Phase I ROOM / AREA 110-62 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,78	a	0	0	80	1100	0.042	-	-				
	b	4	47	56	450	0.024	-	-				
	c	4	47	82	1200	0.043	-	-	0.5	1	1.5	1
	d	0	0	52	340	0.022	-	-				
	e	4	47	62	610	0.029	-	-				
X,81	a	8	94	90	1400	0.049	-	-	0	0	2.0	2
	b	0	0	70	840	0.034	-	-				
	c	6	71	42	60	0.014	-	-				
	d	6	71	56	450	0.024	-	-				
	e	8	94	58	500	0.026	-	-				
Y,81	a	6	71	64	670	0.030	-	-	0.5	1	0.5	0
	b	2	24	60	560	0.027	-	-				
	c	0	0	56	450	0.024	-	-				
	d	2	24	52	340	0.022	-	-				
	e	4	47	70	840	0.034	-	-				
X,84	a	6	71	84	1200	0.049	-	-	0.5	1	3.5	5
	b	0	0	76	1000	0.039	-	-				
	c	0	0	82	1200	0.043	-	-				
	d	2	24	62	610	0.029	-	-				
	e	0	0	62	610	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) BZ, CP, PF, MB DATE 5-27-83, 5-26-83

FACILITY ESG Phase I ROOM / AREA 110-62 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,84	a	4	47	64	670	0.030	-	-				
	b	0	0	68	780	0.033	-	-				
	c	2	24	74	950	0.037	-	-	0.5	1	2.5	3
	d	0	0	56	450	0.024	-	-				
	e	2	24	68	780	0.033	-	-				
X,87	a	0	0	58	500	0.026	-	-				
	b	0	0	74	950	0.037	-	-				
	c	2	24	82	1200	0.043	-	-	0	0	2.0	2
	d	0	0	66	730	0.032	-	-				
	e	0	0	60	560	0.027	-	-				
Y,87	a	4	47	66	730	0.032	-	-				
	b	2	24	76	1000	0.039	-	-	0	0	1.0	0
	c	8	94	42	60	0.014	-	-				
	d	0	0	42	60	0.014	-	-				
	e	6	71	40	0	0.013	-	-				
X,90	a	4	47	58	500	0.026	-	-				
	b	6	71	54	390	0.023	-	-				
	c	4	47	68	780	0.033	-	-				
	d	6	71	62	610	0.029	-	-				
	e	6	71	78	1100	0.040	-	-	0	0	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, PF DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 110-62 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
90	a	8	94	60	560	0.027	-	-				
	b	2	24	104	1800	0.059	-	-	0.5	1	4.5	6
	c	4	47	64	670	0.030	-	-				
	d	2	24	56	450	0.029	-	-				
	e	2	24	68	780	0.033	-	-				
93	a	4	47	92	1500	0.050	-	-				
	b	6	71	94	1500	0.052	-	-	0	0	2.5	3
	c	0	0	70	840	0.034	-	-				
	d	2	24	84	1200	0.044	-	-				
	e	0	0	80	1100	0.042	-	-				
93	a	0	0	88	1300	0.047	-	-				
	b	0	0	74	950	0.037	-	-				
	c	4	47	54	390	0.023	-	-				
	d	6	71	74	950	0.037	-	-	0.5	1	1.0	0
	e	6	71	74	950	0.037	-	-				
96	a	6	71	48	220	0.019	-	-				
	b	4	47	48	220	0.019	-	-				
	c	4	47	68	780	0.033	-	-	0	0	2.5	3
	d	4	47	42	60	0.014	-	-				
	e	0	0	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) PF, MB, BZ, CP DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 110-62 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
96	a	0	0	92	1500	0.050	-	-				
	b	2	24	66	730	0.032	-	-				
	c	8	94	64	670	0.030	-	-	0	0	4.0	5
	d	2	24	24	0	0.013	-	-				
	e	4	47	50	280	0.020	-	-				
99	a	6	71	54	390	0.023	-	-				
	b	2	24	70	840	0.034	-	-				
	c	2	24	90	1400	0.049	-	-	0	0	3.0	4
	d	4	47	70	840	0.034	-	-				
	e	2	24	74	950	0.037	-	-				
99	a	4	47	60	560	0.027	-	-				
	b	0	0	66	730	0.032	-	-				
	c	2	24	50	280	0.020	-	-				
	d	4	47	56	450	0.024	-	-	0	0	3.0	4
	e	2	24	62	610	0.029	-	-				
102	a	2	24	68	780	0.033	-	-				
	b	2	24	70	840	0.034	-	-				
	c	2	24	50	280	0.020	-	-				
	d	6	71	86	1300	0.046	-	-				
	e	6	71	70	840	0.034	-	-	0	0	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, CP, BR, MB DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 110-62 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,102	a	0	0	62	610	0.029	-	-				
	b	4	47	76	1000	0.039	-	-	0	0	2.5	3
	c	4	47	62	610	0.029	-	-				
	d	4	47	70	840	0.034	-	-				
	e	6	71	62	610	0.029	-	-				
X,105	a	4	47	66	730	0.032	-	-				
	b	2	24	54	390	0.023	-	-	0.5	1	0.5	0
	c	2	24	52	340	0.022	-	-				
	d	6	71	58	500	0.026	-	-				
	e	2	24	66	730	0.032	-	-				
Y,105	a	0	0	52	340	0.022	-	-				
	b	0	0	50	280	0.020	-	-				
	c	6	71	60	560	0.027	-	-	0	0	3.5	5
	d	4	47	40	0	0.013	-	-				
	e	0	0	50	280	0.020	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 110-62 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z,81	a	0	0	52	340	0.022	-	-				
	b	0	0	40	0	0.013	-	-				
	c	4	47	28	0	0.013	-	-				
	d	4	47	38	0	0.013	-	-				
	e	0	0	42	60	0.014	-	-				
Z,87	a	4	47	54	390	0.023	-	-				
	b	2	24	66	730	0.032	-	-				
	c	4	47	28	0	0.013	-	-				
	d	0	0	34	0	0.013	-	-				
	e	2	24	24	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
	a	0	0	70	840	0.034	-	-				
	b	4	47	68	780	0.033	-	-	0	0	2.5	3
	c	0	0	60	560	0.027	-	-				
	d	4	47	66	730	0.032	-	-				
	e	2	24	56	450	0.024	-	-				
	a	4	47	56	450	0.024	-	-				
	b	0	0	54	390	0.023	-	-				
	c	0	0	50	280	0.020	-	-				
	d	2	24	60	560	0.027	-	-				
	e	12	140	88	1300	0.047	-	-	0	0	6.0	9
	a	0	0	74	950	0.037	-	-				
	b	10	120	72	890	0.036	-	-	0.5	1	1.0	0
	c	2	24	58	500	0.026	-	-				
	d	0	0	78	1100	0.040	-	-				
	e	2	24	48	220	0.019	-	-				
	a	8	94	84	1200	0.044	-	-				
	b	2	24	100	1700	0.056	-	-	1.5	4	7.5	12
	c	4	47	60	560	0.027	-	-				
	d	10	120	78	1100	0.040	-	-				
	e	2	24	52	340	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, CP DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
	a	4	47	58	500	0.026	-	-				
	b	6	71	70	840	0.034	-	-				
	c	6	71	66	730	0.032	-	-				
	d	4	47	60	560	0.027	-	-				
	e	8	94	72	890	0.036	-	-	0.5	1	4.0	5
	a	4	47	50	280	0.020	-	-				
	b	4	47	76	1000	0.039	-	-	0.5	1	1.5	1
	c	4	47	64	670	0.030	-	-				
	d	0	0	86	1300	0.046	-	-				
	e	2	24	70	840	0.034	-	-				
	a	0	0	80	1100	0.042	-	-				
	b	2	24	54	390	0.023	-	-				
	c	0	0	74	950	0.037	-	-				
	d	8	94	46	170	0.017	-	-				
	e	4	47	72	890	0.036	-	-	0	0	1.0	0
	a	4	47	78	1100	0.040	-	-				
	b	4	47	72	890	0.036	-	-				
	c	2	24	82	1200	0.043	-	-	0.5	1	1.5	1
	d	10	120	62	610	0.029	-	-				
	e	0	0	68	780	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, CP, PF, MB DATE 5-27-83, 5-26-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AB, 84	a	2	24	68	780	0.033	-	-				
	b	6	71	58	500	0.026	-	-				
	c	0	0	48	220	0.019	-	-				
	d	2	24	88	1300	0.047	-	-	0	0	1.0	0
	e	0	0	60	560	0.027	-	-				
Z, 87	a	4	47	52	340	0.022	-	-				
	b	10	120	38	0	0.013	-	-				
	c	6	71	82	1200	0.043	-	-	0.5	1	4.0	5
	d	2	24	42	60	0.014	-	-				
	e	4	47	64	670	0.030	-	-				
AA, 87	a	6	71	72	890	0.036	-	-				
	b	0	0	66	730	0.032	-	-				
	c	4	47	72	890	0.036	-	-				
	d	10	120	68	780	0.033	-	-	0.5	1	3.5	5
	e	0	0	64	670	0.030	-	-				
AB, 87	a	4	47	88	1300	0.047	-	-	0	0	1.5	1
	b	4	47	60	560	0.027	-	-				
	c	0	0	70	840	0.034	-	-				
	d	8	94	70	840	0.034	-	-				
	e	2	24	78	1100	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) PF, MB DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z, 90	a	8	94	50	280	0.020	-	-				
	b	0	0	46	170	0.017	-	-				
	c	2	24	62	610	0.029	-	-	0	0	4.0	5
	d	4	47	60	560	0.027	-	-				
	e	2	24	58	500	0.026	-	-				
AA, 90	a	0	0	66	730	0.032	-	-				
	b	4	47	56	450	0.024	-	-	1.0	2	3.0	4
	c	2	24	66	730	0.032	-	-				
	d	0	0	58	500	0.026	-	-				
	e	0	0	66	730	0.032	-	-				
AB, 90	a	2	24	50	280	0.020	-	-				
	b	4	47	54	390	0.023	-	-	0	0	2.5	3
	c	2	24	42	60	0.014	-	-				
	d	2	24	50	280	0.020	-	-				
	e	2	24	50	280	0.020	-	-				
Z, 93	a	2	24	48	220	0.019	-	-				
	b	0	0	54	390	0.023	-	-				
	c	0	0	58	500	0.026	-	-				
	d	2	24	64	670	0.030	-	-	0.5	1	3.0	4
	e	2	24	46	170	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) PF, MB, CP, BZ DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,93	a	2	24	54	390	0.023	-	-				
	b	4	47	44	110	0.016	-	-	0.5	1	2.0	2
	c	4	47	40	0	0.013	-	-				
	d	2	24	56	450	0.024	-	-				
	e	0	0	50	280	0.020	-	-				
B,93	a	2	24	76	1000	0.039	-	-				
	b	4	47	54	390	0.023	-	-	0	0	3.0	4
	c	2	24	44	110	0.016	-	-				
	d	2	24	50	280	0.020	-	-				
	e	0	0	32	0	0.013	-	-				
,96	a	2	24	36	0	0.013	-	-				
	b	6	71	44	110	0.016	-	-	0	0	4.0	5
	c	2	24	66	730	0.032	-	-				
	d	2	24	50	280	0.020	-	-				
	e	0	0	64	670	0.030	-	-				
A,96	a	0	0	66	730	0.032	-	-	0.5	1	1.0	0
	b	0	0	50	280	0.020	-	-				
	c	2	24	56	450	0.024	-	-				
	d	2	24	58	500	0.026	-	-				
	e	2	24	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

MARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, CP DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,96	a	4	47	58	500	0.026	-	-	0.5	1	3.0	4
	b	4	47	52	340	0.022	-	-				
	c	0	0	30	0	0.013	-	-				
	d	2	24	54	390	0.023	-	-				
	e	0	0	48	220	0.019	-	-				
,99	a	2	24	40	0	0.013	-	-				
	b	2	24	40	0	0.013	-	-				
	c	4	47	60	560	0.027	-	-				
	d	4	47	62	610	0.029	-	-				
	e	2	24	56	450	0.024	-	-	0	0	1.0	0
A,99	a	4	47	66	730	0.032	-	-	0.5	1	3.0	4
	b	2	24	58	500	0.026	-	-				
	c	2	24	44	110	0.016	-	-				
	d	2	24	44	110	0.016	-	-				
	e	4	47	58	500	0.026	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

MARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, CP, MB, BR DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AB,99	a	2	24	68	780	0.033	-	-				
	b	4	47	56	450	0.024	-	-	0	0	3.0	4
	c	2	24	40	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	4	47	56	450	0.024	-	-				
Z,102	a	6	71	52	340	0.022	-	-				
	b	2	24	56	450	0.024	-	-				
	c	2	24	42	60	0.014	-	-	1.5	4	2.0	2
	d	2	24	42	60	0.014	-	-				
	e	0	0	84	1200	0.044	-	-				
AA,102	a	0	0	52	340	0.022	-	-				
	b	6	71	50	280	0.020	-	-	0	0	1.5	1
	c	2	24	52	340	0.022	-	-				
	d	0	0	70	840	0.034	-	-				
	e	0	0	32	0	0.013	-	-				
AB,102	a	2	24	48	220	0.019	-	-	0	0	0.5	0
	b	0	0	66	730	0.032	-	-				
	c	2	24	52	340	0.022	-	-				
	d	2	24	66	730	0.032	-	-				
	e	0	0	42	60	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA 112-09/15 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z,105	a	4	47	66	730	0.032	-	-				
	b	6	71	58	500	0.026	-	-				
	c	2	24	54	390	0.023	-	-				
	d	0	0	74	950	0.037	-	-	0	0	3.0	4
	e	0	0	48	220	0.019	-	-				
AA,105	a	2	24	70	840	0.034	-	-				
	b	6	71	40	0	0.013	-	-				
	c	4	47	52	340	0.022	-	-				
	d	4	47	60	560	0.027	-	-				
	e	0	0	56	450	0.024	-	-	0	0	3.5	5
AB,105	a	0	0	82	1200	0.043	-	-	0	0	2.5	3
	b	4	47	44	110	0.016	-	-				
	c	2	24	50	280	0.020	-	-				
	d	6	71	76	1000	0.039	-	-				
	e	4	47	44	110	0.016	-	-				
AA,84	a	0	0	52	340	0.022	-	-				
	b	0	0	48	220	0.019	-	-				
	c	0	0	52	340	0.022	-	-				
	d	2	24	40	0	0.013	-	-				
	e	2	24	54	390	0.023	-	-	0	0	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR, MB, AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 112-DW/15 Fuse

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
1.81	a	10	120	26	0	0.013	-	-				
	b	2	24	40	0	0.013	-	-				
	c	8	94	42	60	0.014	-	-				
	d	2	24	50	280	0.020	-	-	0	0	3.5	.5
	e	6	71	44	110	0.016	-	-				
2.99	a	8	94	48	220	0.019	-	-	0.5	1	2.0	2
	b	0	0	32	0	0.013	-	-				
	c	0	0	24	0	0.013	-	-				
	d	6	71	46	170	0.017	-	-				
	e	2	24	48	220	0.019	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA A1346 112 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AC,81	a	2	24	46	170	0.017	-	-				
	b	2	24	46	170	0.017	-	-				
	c	2	24	30	0	0.013	-	-				
	d	4	47	52	340	0.022	-	-	1.0	2	1.5	1
	e	0	0	48	220	0.019	-	-				
AC,84	a	4	47	42	60	0.014	-	-				
	b	2	24	40	0	0.013	-	-				
	c	0	0	42	60	0.014	-	-				
	d	4	47	70	840	0.034	-	-	0	0	3.0	4
	e	6	71	46	170	0.017	-	-				
AC,87	a	6	71	52	340	0.022	-	-				
	b	2	24	66	730	0.032	-	-	0	0	1.5	1
	c	2	24	50	280	0.020	-	-				
	d	0	0	48	220	0.019	-	-				
	e	0	0	56	450	0.024	-	-				
AC,90	a	4	47	44	110	0.016	-	-				
	b	0	0	60	560	0.027	-	-				
	c	0	0	46	170	0.017	-	-				
	d	4	47	62	610	0.029	-	-	0	0	4.0	5
	e	6	71	56	450	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, MB DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA A1346 112 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AC,93	a	2	24	46	170	0.017	-	-				
	b	2	24	44	110	0.016	-	-				
	c	0	0	40	0	0.013	-	-				
	d	2	24	46	170	0.017	-	-				
	e	0	0	66	730	0.032	-	-	0	0	2.5	3
AC,96	a	0	0	48	220	0.019	-	-				
	b	2	24	54	390	0.023	-	-	0	0	3.5	5
	c	0	0	38	0	0.013	-	-				
	d	0	0	44	110	0.016	-	-				
	e	2	24	50	280	0.020	-	-				
AC,99	a	2	24	82	1200	0.043	-	-	0	0	4.5	6
	b	2	24	44	110	0.016	-	-				
	c	6	71	66	730	0.032	-	-				
	d	2	24	50	280	0.020	-	-				
	e	2	24	46	170	0.017	-	-				
AC,102	a	4	47	60	560	0.027	-	-				
	b	2	24	44	110	0.016	-	-				
	c	0	0	56	450	0.024	-	-				
	d	4	47	48	220	0.019	-	-				
	e	12	140	56	450	0.024	-	-	0	0	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, PF, BR DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA AISLE 112 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,102	a	4	47	46	170	0.017	-	-				
	b	4	47	58	500	0.026	-	-				
	c	4	47	60	560	0.027	-	-				
	d	2	24	46	170	0.017	-	-	0	0	1.5	.1
	e	0	0	32	0	0.013	-	-				
1C,105	a	2	24	56	460	0.024	-	-				
	b	6	71	54	390	0.023	-	-	0.5	1	0.5	0
	c	0	0	38	0	0.013	-	-				
	d	2	24	42	60	0.014	-	-				
	e	4	47	44	110	0.016	-	-				
D,105	a	2	24	48	220	0.019	-	-				
	b	2	24	46	170	0.017	-	-				
	c	0	0	52	340	0.022	-	-	0.5	1	1.0	0
	d	4	47	46	170	0.017	-	-				
	e	0	0	54	390	0.023	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR DATE

FACILITY ESG Phase I ROOM / AREA AISLE 112 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,84	a	0	0	60	560	0.027	-	-				
	b	0	0	48	220	0.019	-	-				
	c	0	0	50	280	0.020	-	-				
	d	2	24	42	60	0.014	-	-				
	e	2	24	34	0	0.013	-	-	0.5	1	2.5	3
D,99	a	0	0	42	60	0.014	-	-				
	b	0	0	38	0	0.013	-	-				
	c	0	0	44	110	0.016	-	-				
	d	2	24	36	0	0.013	-	-				
	e	2	24	50	280	0.020	-	-	0.5	1	5.5	8
D,90	a	2	24	44	110	0.016	-	-				
	b	6	71	36	0	0.013	-	-				
	c	6	71	44	110	0.016	-	-	0	0	2.0	2
	d	0	0	44	110	0.016	-	-				
	e	0	0	44	110	0.016	-	-				
D,96	a	4	47	50	280	0.020	-	-	0	0	0	0
	b	2	24	26	0	0.013	-	-				
	c	0	0	48	220	0.019	-	-				
	d	0	0	50	280	0.020	-	-				
	e	2	24	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA A1362 112 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
AE, 105	a	2	24	44	110	0.016	-	-				
	b	4	47	54	390	0.023	-	-	0	0	2.5	3
	c	2	24	50	280	0.020	-	-				
	d	4	47	48	220	0.019	-	-				
	e	2	24	44	110	0.016	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYED BY AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 112-08/20 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
10,84	a	0	0	68	780	0.033	-	-	0.5	1	0.5	0
	b	2	24	56	450	0.024	-	-				
	c	2	24	56	450	0.024	-	-				
	d	2	24	48	220	0.019	-	-				
	e	2	24	50	280	0.020	-	-				
9E,84	a	0	0	40	0	0.013	-	-				
	b	2	24	62	610	0.029	-	-	1.5	4	4.5	6
	c	0	0	46	170	0.017	-	-				
	d	0	0	56	450	0.024	-	-				
	e	2	24	44	110	0.016	-	-				
10,87	a	4	47	52	340	0.022	-	-				
	b	6	71	56	450	0.024	-	-	0	0	2.0	2
	c	2	24	54	390	0.023	-	-				
	d	0	0	30	0	0.013	-	-				
	e	0	0	60	560	0.027	-	-				
E,87	a	0	0	54	390	0.023	-	-				
	b	0	0	70	840	0.034	-	-	0.5	1	1.0	0
	c	4	47	54	390	0.023	-	-				
	d	0	0	58	500	0.026	-	-				
	e	0	0	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, MB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-08/20 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1E,87	a	0	0	54	390	0.023	-	-				
	b	0	0	70	840	0.034	-	-	0.5	1	1.0	0
	c	4	47	54	390	0.023	-	-				
	d	0	0	58	500	0.026	-	-				
	e	0	0	38	0	0.013	-	-				
0,90	a	2	24	62	610	0.029	-	-	0	0	0.5	0
	b	0	0	56	450	0.024	-	-				
	c	4	47	54	390	0.023	-	-				
	d	2	24	48	220	0.019	-	-				
	e	0	0	68	780	0.033	-	-				
E,90	a	4	47	36	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	62	610	0.029	-	-	0	0	1.5	1
	d	2	24	48	220	0.019	-	-				
	e	0	0	42	60	0.014	-	-				
0,93	a	2	24	52	340	0.022	-	-				
	b	4	47	42	60	0.014	-	-				
	c	6	71	56	450	0.024	-	-				
	d	0	0	46	170	0.017	-	-				
	e	2	24	54	390	0.023	-	-	0	0	1.0	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, MB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-08/20 Room

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,93	a	0	0	60	560	0.027	-	-				
	b	0	0	58	500	0.026	-	-				
	c	0	0	54	390	0.023	-	-				
	d	2	24	44	110	0.016	-	-				
	e	2	24	60	560	0.027	-	-	1.5	4	1.5	1
AD,96	a	2	24	72	890	0.036	-	-				
	b	4	47	70	840	0.034	-	-				
	c	6	71	90	1400	0.049	-	-	0	0	3.5	5
	d	0	0	62	610	0.029	-	-				
	e	2	24	78	1100	0.040	-	-				
AE,96	a	6	71	68	780	0.033	-	-				
	b	2	24	76	1000	0.039	-	-	0.5	1	3.5	5
	c	0	0	66	730	0.032	-	-				
	d	0	0	62	610	0.029	-	-				
	e	2	24	56	450	0.024	-	-				
AD,99	a	2	24	56	450	0.024	-	-				
	b	0	0	46	170	0.017	-	-				
	c	4	47	46	170	0.017	-	-	0.5	1	3.5	5
	d	6	71	64	670	0.030	-	-				
	e	2	24	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, PF DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-08/20 Room

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,99	a	4	47	66	730	0.032	-	-				
	b	4	47	60	560	0.027	-	-				
	c	0	0	76	1000	0.039	-	-	0	0	2.0	2
	d	2	24	44	110	0.016	-	-				
	e	2	24	40	0	0.013	-	-				
AD,102	a	2	24	56	450	0.024	-	-				
	b	8	94	48	220	0.019	-	-				
	c	0	0	80	1100	0.042	-	-				
	d	0	0	54	390	0.023	-	-				
	e	2	24	80	1100	0.042	-	-	0.5	1	3.0	4
AE,102	a	4	47	38	0	0.013	-	-				
	b	4	47	52	340	0.022	-	-				
	c	4	47	62	610	0.029	-	-	0	0	1.0	0
	d	2	24	58	500	0.026	-	-				
	e	0	0	46	170	0.017	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, PF DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 112-08/20 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
9D,90	a	0	0	42	60	0.014	-	-				
	b	2	24	50	280	0.020	-	-	0	0	2.0	2
	c	2	24	38	0	0.013	-	-				
	d	0	0	56	450	0.024	-	-				
	e	0	0	30	0	0.013	-	-				
9D.96	a	6	71	38	0	0.013	-	-				
	b	2	24	30	0	0.013	-	-				
	c	4	47	52	340	0.022	-	-	0	0	0	0
	d	2	24	44	110	0.016	-	-				
	e	0	0	46	170	0.017	-	-				
1D.102	a	2	24	40	0	0.013	-	-				
	b	2	24	52	340	0.022	-	-				
	c	4	47	50	280	0.020	-	-	0	0	2.0	2
	d	0	0	48	220	0.019	-	-				
	e	0	0	56	450	0.024	-	-				
9E,90	a	2	24	60	560	0.027	-	-				
	b	6	71	44	110	0.016	-	-				
	c	4	47	48	220	0.019	-	-	0	0	1.0	0
	d	0	0	44	110	0.016	-	-				
	e	0	0	48	220	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 112-08/20 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1E,96	a	2	24	70	840	0.034	-	-	0	0	4.0	5
	b	4	47	52	340	0.022	-	-				
	c	0	0	54	390	0.023	-	-				
	d	4	47	62	610	0.029	-	-				
	e	0	0	52	340	0.022	-	-				
1D.102	a	10	120	48	220	0.019	-	-	0	0	1.0	0
	b	2	24	52	340	0.022	-	-				
	c	8	94	40	0	0.013	-	-				
	d	2	24	42	60	0.014	-	-				
	e	4	47	38	0	0.013	-	-				
E,84	a	4	47	38	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	2	24	48	220	0.019	-	-				
	d	4	47	30	0	0.013	-	-				
	e	6	71	38	0	0.013	-	-	0.5	1	1.0	0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 110-90/91/44 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,72	a	2	24	48	220	0.019	-	-				
	b	2	24	64	670	0.030	-	-				
	c	2	24	54	390	0.023	-	-				
	d	6	71	32	0	0.013	-	-				
	e	6	71	82	1200	0.043	-	-	0.5	1	2.5	3
0,72	a	4	47	44	110	0.016	-	-				
	b	4	47	32	0	0.013	-	-				
	c	2	24	58	500	0.026	-	-	0.5	1	0.5	0
	d	8	94	46	170	0.017	-	-				
	e	2	24	36	0	0.013	-	-				
K,75	a	2	24	46	170	0.017	-	-				
	b	2	24	60	560	0.027	-	-	0	0	1.5	1
	c	4	47	52	340	0.022	-	-				
	d	6	71	48	220	0.019	-	-				
	e	2	24	34	0	0.013	-	-				
L,75	a	2	24	40	0	0.013	-	-				
	b	0	0	26	0	0.013	-	-				
	c	2	24	46	170	0.017	-	-				
	d	0	0	56	450	0.024	-	-	0	0	2.0	2
	e	4	47	22	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) PF, MB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 110-40/41/44 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,75	a	0	0	36	0	0.013	-	-				
	b	2	24	30	0	0.013	-	-				
	c	2	24	44	110	0.016	-	-				
	d	0	0	42	60	0.014	-	-				
	e	0	0	48	220	0.019	-	-	0.5	1	1.5	1
N,75	a	0	0	44	110	0.016	-	-				
	b	2	24	50	280	0.020	-	-	1.5	4	2.0	2
	c	0	0	40	0	0.013	-	-				
	d	2	24	44	110	0.016	-	-				
	e	4	47	34	0	0.013	-	-				
0,75	a	2	24	52	340	0.022	-	-				
	b	4	47	48	220	0.019	-	-	0	0	1.0	0
	c	4	47	44	110	0.016	-	-				
	d	2	24	66	730	0.032	-	-				
	e	4	47	36	0	0.013	-	-				
P,75	a	0	0	52	340	0.022	-	-	0	0	2.0	2
	b	6	71	38	0	0.013	-	-				
	c	4	47	38	0	0.013	-	-				
	d	2	24	40	0	0.013	-	-				
	e	2	24	44	110	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, PF DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA IID-90/91/94 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
2,75	a	0	0	62	610	0.029	-	-				
	b	0	0	52	340	0.022	-	-				
	c	2	24	58	500	0.026	-	-	0	0	2.0	2
	d	2	24	38	0	0.013	-	-				
	e	2	24	48	220	0.019	-	-				
5,78	a	0	0	40	0	0.013	-	-				
	b	2	24	44	110	0.016	-	-				
	c	4	47	52	340	0.022	-	-				
	d	2	24	70	840	0.034	-	-	0.5	1	2.5	3
	e	0	0	36	0	0.013	-	-				
4,78	a	2	24	44	110	0.016	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	54	390	0.023	-	-	0.5	1	1.5	1
	d	0	0	44	110	0.016	-	-				
	e	2	24	42	60	0.014	-	-				
11,78	a	0	0	52	340	0.022	-	-	0.5	1	3.5	5
	b	2	24	46	170	0.017	-	-				
	c	8	94	40	0	0.013	-	-				
	d	4	47	34	0	0.013	-	-				
	e	0	0	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7,8 to 13,4 uR/h)

SURVEYOR(S) MB, PF DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA IID-90/91/94 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,78	a	0	0	40	0	0.013	-	-				
	b	2	24	50	280	0.020	-	-				
	c	2	24	46	170	0.017	-	-				
	d	6	71	48	220	0.019	-	-				
	e	2	24	58	500	0.026	-	-	0	0	3.0	4
78	a	0	0	40	0	0.013	-	-				
	b	2	24	38	0	0.013	-	-				
	c	0	0	52	340	0.022	-	-				
	d	2	24	24	0	0.013	-	-				
	e	0	0	58	500	0.026	-	-	0	0	2.0	2
,78	a	2	24	48	220	0.019	-	-	0	0	1.0	1
	b	0	0	52	340	0.022	-	-				
	c	0	0	44	110	0.016	-	-				
	d	2	24	32	0	0.013	-	-				
	e	0	0	62	610	0.029	-	-				
,78	a	6	71	74	950	0.039	-	-	0.5	1	1.0	0
	b	2	24	38	0	0.013	-	-				
	c	—	—	—	—	—	-	-				
	d	2	24	52	340	0.022	-	-				
	e	4	47	52	340	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7,8 to 13,4 uR/h)

SURVEYOR(S) PF, MB, BZ, CP DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 110-40/41/44 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,81	a	2	24	46	170	0.017	-	-				
	b	0	0	46	170	0.017	-	-				
	c	2	24	46	170	0.017	-	-				
	d	4	47	64	670	0.030	-	-				
	e	4	47	46	170	0.017	-	-	0	0	1.0	0
L,81	a	0	0	74	950	0.037	-	-				
	b	4	47	46	170	0.017	-	-				
	c	2	24	62	610	0.029	-	-				
	d	2	24	30	0	0.013	-	-				
	e	4	47	50	280	0.020	-	-	0	0	3.0	4
M,81	a	0	0	44	110	0.016	-	-				
	b	0	0	48	220	0.019	-	-				
	c	0	0	38	0	0.013	-	-				
	d	4	47	32	0	0.013	-	-				
	e	2	24	46	170	0.017	-	-	0.5	1	2.0	2
N,81	a	0	0	60	560	0.027	-	-				
	b	4	47	44	110	0.016	-	-				
	c	2	24	66	730	0.032	-	-	1.0	2	7.0	11
	d	2	24	50	280	0.020	-	-				
	e	0	0	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, MB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 110-40/41/44 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
O,81	a	6	71	48	220	0.019	-	-				
	b	4	47	48	220	0.019	-	-				
	c	10	120	58	500	0.026	-	-	2.0	5	3.0	4
	d	4	47	50	280	0.020	-	-				
	e	2	24	60	560	0.027	-	-				
O,81	a	2	24	46	170	0.017	-	-				
	b	2	24	48	220	0.019	-	-				
	c	4	47	56	450	0.024	-	-	0	0	2.0	2
	d	2	24	62	610	0.029	-	-				
	e	2	24	54	390	0.023	-	-				
P,81	a	2	24	46	170	0.017	-	-				
	b	4	47	40	0	0.013	-	-				
	c	2	24	46	170	0.017	-	-	0.5	1	1.0	0
	d	0	0	54	390	0.023	-	-				
	e	2	24	62	610	0.029	-	-				
Q,81	a	0	0	42	60	0.014	-	-				
	b	0	0	54	390	0.023	-	-				
	c	4	47	46	170	0.017	-	-	0.5	1	5.5	8
	d	0	0	52	340	0.022	-	-				
	e	2	24	62	610	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, MB, BZ, CP DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA Dock III-26 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,1	a	14	170	40	0	0.013	-	-				
	b	4	47	60	560	0.027	-	-				
	c	8	94	45	170	0.017	-	-				
	d	0	0	35	0	0.013	-	-	0.5	1	3.5	5
	e	2	24	80	1100	0.042	-	-				
D,2	a	6	71	50	280	0.020	-	-				
	b	2	24	90	1400	0.049	-	-				
	c	6	71	50	280	0.020	-	-	0	0	1.0	0
	d	8	94	70	840	0.034	-	-				
	e	6	71	60	560	0.027	-	-				
D,3	a	4	47	70	840	0.034	-	-				
	b	4	47	65	730	0.032	-	-				
	c	4	47	60	560	0.027	-	-				
	d	4	47	60	560	0.027	-	-				
	e	4	47	70	840	0.034	-	-	0	0	2.0	2
D,4	a	0	0	30	0	0.013	-	-	0	0	3.0	4
	b	6	71	60	560	0.027	-	-				
	c	12	140	30	0	0.013	-	-				
	d	8	94	30	0	0.013	-	-				
	e	2	24	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYED BY BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA Dock III-26 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
,5	a	2	24	30	0	0.013	-	-				
	b	4	47	40	0	0.013	-	-	0	0	3.0	4
	c	8	94	30	0	0.013	-	-				
	d	2	24	40	0	0.013	-	-				
	e	6	71	40	0	0.013	-	-				
,6	a	10	120	60	560	0.027	-	-	0	0	0	0
	b	4	47	50	280	0.020	-	-				
	c	0	0	60	560	0.027	-	-				
	d	4	47	40	0	0.013	-	-				
	e	8	94	50	280	0.020	-	-				
7	a	20	240	50	280	0.020	-	-				
	b	0	0	50	280	0.020	-	-	0	0	1.5	1
	c	2	24	60	560	0.027	-	-				
	d	0	0	60	560	0.027	-	-				
	e	4	47	40	0	0.013	-	-				
8	a	6	71	50	280	0.020	-	-				
	b	4	47	40	0	0.013	-	-				
	c	8	94	60	560	0.027	-	-	0	0	2.5	3
	d	4	47	60	560	0.027	-	-				
	e	4	47	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

ARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYED BY BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,9	a	8	94	60	560	0.027	-	-				
	b	2	24	70	840	0.034	-	-				
	c	2	24	70	840	0.034	-	-				
	d	2	24	40	0	0.013	-	-	0	0	2.0	2
	e	2	24	70	840	0.034	-	-				
D,10	a	6	71	40	0	0.013	-	-				
	b	2	24	50	280	0.020	-	-				
	c	2	24	40	0	0.013	-	-				
	d	4	47	40	0	0.013	-	-				
	e	6	71	60	560	0.027	-	-	0.5	1	1.0	0
D,11	a	0	0	80	1100	0.042	-	-	0	0	3.0	4
	b	2	24	90	1400	0.049	-	-				
	c	0	0	40	0	0.013	-	-				
	d	8	94	40	0	0.013	-	-				
	e	4	47	50	280	0.020	-	-				
D,12	a	4	47	60	560	0.027	-	-				
	b	8	94	30	0	0.013	-	-	0.5	1	4.5	6
	c	8	94	50	280	0.020	-	-				
	d	6	71	60	560	0.027	-	-				
	e	6	71	60	560	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7,8 to 13,4 uR/h)

SURVEYOR(S) BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,13	a	8	94	50	280	0.020	-	-				
	b	6	71	40	0	0.013	-	-				
	c	4	47	40	0	0.013	-	-	0.5	1	2.0	2
	d	4	47	50	280	0.020	-	-				
	e	4	47	50	280	0.020	-	-				
D,14	a	2	24	60	560	0.027	-	-				
	b	8	94	40	0	0.013	-	-				
	c	6	71	60	560	0.027	-	-				
	d	4	47	50	280	0.020	-	-	0	0	1.5	1
	e	6	71	80	1100	0.042	-	-				
D,15	a	0	0	60	560	0.027	-	-				
	b	4	47	50	280	0.020	-	-				
	c	0	0	50	280	0.020	-	-				
	d	12	140	60	560	0.027	-	-				
	e	6	71	40	0	0.020	-	-	0	0	2.5	3
D,16	a	4	47	40	0	0.020	-	-	1.0	2	2.0	2
	b	6	71	90	1400	0.049	-	-				
	c	4	47	30	0	0.013	-	-				
	d	4	47	70	840	0.034	-	-				
	e	12	140	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7,8 to 13,4 uR/h)

SURVEYOR(S) BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,17	a	2	24	40	0	0.013	-	-				
	b	4	47	70	840	0.034	-	-	0	0	2.5	3
	c	24	280	80	1100	0.042	-	-				
	d	4	47	40	0	0.013	-	-				
	e	2	24	60	560	0.027	-	-				
D,18	a	2	24	30	0	0.013	-	-				
	b	6	71	40	0	0.013	-	-				
	c	4	47	30	0	0.013	-	-	0	0	2.0	2
	d	2	24	50	280	0.020	-	-				
	e	0	0	30	0	0.013	-	-				
D,19	a	0	0	50	280	0.020	-	-				
	b	0	0	60	560	0.027	-	-				
	c	0	0	50	280	0.020	-	-				
	d	0	0	30	0	0.013	-	-	0	0	2.0	2
	e	0	0	40	0	0.013	-	-				
D,20	a	0	0	30	0	0.013	-	-				
	b	0	0	50	280	0.020	-	-				
	c	4	47	20	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	—	—	—	—	—	-	-	0	0	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7,8 to 13,4 uR/h)

SURVEYED BY BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
),21	a	0	0	20	0	0.013	-	-	0	0	2.5	3
	b	0	0	70	840	0.034	-	-				
	c	0	0	60	560	0.027	-	-				
	d	2	24	30	0	0.013	-	-				
	e	0	0	45	170	0.017	-	-				
),22	a	2	24	70	840	0.034	-	-				
	b	0	0	60	560	0.027	-	-	0	0	3.5	5
	c	2	24	60	560	0.027	-	-				
	d	2	24	60	560	0.027	-	-				
	e	0	0	20	0	0.013	-	-				
,23	a	0	0	40	0	0.013	-	-				
	b	2	24	30	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-	0.5	1	2.0	2
	d	2	24	80	1100	0.042	-	-				
	e	0	0	20	0	0.013	-	-				
24	a	0	0	70	840	0.034	-	-				
	b	0	0	20	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	0	0	70	840	0.034	-	-	2.0	5	2.5	3
	e	0	0	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

ARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7,8 to 13,4 uR/h)

SURVEYED BY BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,25	a	0	0	40	0	0.013	-	-				
	b	4	47	80	1100	0.042	-	-				
	c	0	0	80	1100	0.042	-	-				
	d	0	0	40	0	0.013	-	-				
	e	2	24	50	280	0.020	-	-	0	0	3.0	4
D,26	a	4	47	50	280	0.020	-	-	0	0	3.0	4
	b	4	47	60	560	0.027	-	-				
	c	0	0	50	280	0.020	-	-				
	d	0	0	80	1100	0.042	-	-				
	e	0	0	40	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,27	a	18	210	46	170	0.017	-	-				
	b	18	210	36	0	0.013	-	-				
	c	18	210	28	0	0.013	-	-				
	d	26	310	42	60	0.014	-	-	0	0	3.5	.5
	e	12	140	36	0	0.013	-	-				
D,28	a	2	24	40	0	0.013	-	-				
	b	0	0	48	220	0.019	-	-				
	c	4	47	28	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	4	47	46	170	0.017	-	-	0	0	0.5	0
D,29	a	16	190	44	110	0.016	-	-	1.0	2	0.5	0
	b	14	170	40	0	0.013	-	-				
	c	8	94	42	60	0.014	-	-				
	d	16	190	34	0	0.013	-	-				
	e	12	140	24	0	0.013	-	-				
D,30	a	24	280	60	560	0.027	-	-	0	0	1.5	1
	b	14	170	62	610	0.029	-	-				
	c	10	120	42	60	0.013	-	-				
	d	16	190	46	170	0.017	-	-				
	e	14	170	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, AB DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,31	a	8	94	36	0	0.013	-	-				
	b	16	190	50	280	0.020	-	-	0	0	4.0	5
	c	14	170	40	0	0.013	-	-				
	d	12	140	46	170	0.017	-	-				
	e	18	210	48	220	0.019	-	-				
D,32	a	16	190	14	0	0.013	-	-				
	b	14	170	34	0	0.013	-	-	0	0	1.5	1
	c	10	120	20	0	0.013	-	-				
	d	8	94	32	0	0.013	-	-				
	e	8	94	32	0	0.013	-	-				
),33	a	20	240	44	110	0.016	-	-				
	b	18	210	50	280	0.020	-	-	0.5	1	0.5	0
	c	14	170	42	60	0.014	-	-				
	d	6	71	50	280	0.020	-	-				
	e	16	190	32	0	0.013	-	-				
,34	a	14	170	66	730	0.032	-	-				
	b	10	120	64	670	0.030	-	-				
	c	10	120	42	60	0.014	-	-				
	d	16	190	56	450	0.024	-	-				
	e	26	310	68	780	0.033	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

MARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AB, RG DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
,35	a	6	71	36	0	0.013	-	-				
	b	16	190	36	0	0.013	-	-				
	c	18	210	60	560	0.027	-	-	0	0	1.5	1
	d	8	94	20	0	0.013	-	-				
	e	0	0	24	0	0.013	-	-				
,36	a	16	190	32	0	0.013	-	-				
	b	10	120	38	0	0.013	-	-				
	c	14	170	42	60	0.014	-	-	0	0	6.5	10
	d	10	120	28	0	0.013	-	-				
	e	18	210	26	0	0.013	-	-				
37	a	18	210	36	0	0.013	-	-				
	b	18	210	46	170	0.017	-	-	0	0	2.0	2
	c	12	140	38	0	0.013	-	-				
	d	8	94	32	0	0.013	-	-				
	e	16	190	30	0	0.013	-	-				
38	a	26	310	50	280	0.020	-	-				
	b	24	280	52	390	0.022	-	-				
	c	22	260	58	500	0.026	-	-	1.0	2	1.5	1
	d	14	170	40	0	0.013	-	-				
	e	20	240	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

ARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AB, RG DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA DOCK III-26 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
D.39	a	16	190	42	60	0.014	-	-				
	b	6	71	26	0	0.013	-	-				
	c	16	190	34	0	0.013	-	-				
	d	18	210	42	60	0.014	-	-	0	0	1.0	.0
	e	16	190	42	60	0.014	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) _____ DATE _____

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
J,Ø	a	4	47	62	610	0029	-	-				
	b	6	71	78	1100	0040	-	-				
	c	2	24	54	390	0023	-	-	0.5	1.0	3.5	5.0
	d	2	24	78	1100	0040	-	-				
	e	Ø	0	84	1200	0044	-	-				
K,Ø	a	2	24	52	330	0022	-	-				
	b	4	47	66	730	0032	-	-				
	c	Ø	0	8Ø	1100	0042	-	-				
	d	2	24	58	500	0026	-	-	0	0	4.0	6.0
	e	6	71	56	450	0024	-	-				
L,Ø	a	6	71	62	610	0029	-	-				
	b	4	47	82	1200	0043	-	-				
	c	2	24	72	890	0036	-	-				
	d	2	24	58	500	0026	-	-	0	0	2.5	3.0
	e	4	47	62	610	0029	-	-				
M,Ø	a	2	24	56	450	0024	-	-				
	b	4	47	56	450	0024	-	-				
	c	Ø	0	8Ø	1100	0042	-	-				
	d	Ø	0	6Ø	560	0027	-	-	0	0	1.5	1.0
	e	10	120	6Ø	560	0027	-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
N,Ø	a	4	47	6Ø	560	0027	-	-				
	b	4	47	48	220	0019	-	-				
	c	Ø	0	46	170	0017	-	-				
	d	2	24	64	670	0030	-	-				
	e	2	24	6Ø	560	0027	-	-	0	0	3.0	4.0
O,Ø	a	2	24	74	950	0037	-	-				
	b	4	47	6Ø	560	0027	-	-				
	c	Ø	0	74	950	0037	-	-	0.5	1.0	3.0	4.0
	d	8	94	7Ø	840	0034	-	-				
	e	Ø	0	52	330	0022	-	-				
P,Ø	a	2	24	7Ø	840	0034	-	-				
	b	2	24	56	450	0024	-	-				
	c	6	71	78	1100	0040	-	-	0	0	2.5	3.0
	d	8	94	52	330	0022	-	-				
	e	2	24	68	780	0033	-	-				
Q,Ø	a	4	47	64	670	0030	-	-				
	b	2	24	52	330	0022	-	-				
	c	6	71	42	60	0014	-	-				
	d	4	47	7Ø	840	0034	-	-	0	0	1.5	1.0
	e	2	24	74	950	0037	-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) PF & BZ DATE 5-25-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,Ø	a	Ø	0	66	610	0032	-	-				
	b	10	120	6Ø	560	0027	-	-	0	0	2.5	3.0
	c	2	24	7Ø	840	0034	-	-				
	d	Ø	0	5Ø	280	0020	-	-				
	e	Ø	0	64	670	0030	-	-				
B,Ø	a	2	24	66	730	0032	-	-				
	b	6	71	8Ø	1100	0042	-	-	0	0	3.0	4.0
	c	2	24	64	670	0030	-	-				
	d	4	47	76	1000	0039	-	-				
	e	8	94	64	670	0030	-	-				
C,Ø	a	4	47	78	1100	0040	-	-				
	b	4	47	7Ø	840	0034	-	-				
	c	2	24	86	1300	0046	-	-	0	0	1.5	1.0
	d	6	71	7Ø	840	0034	-	-				
	e	6	71	74	950	0037	-	-				
D,Ø	a	2	24	72	890	0036	-	-				
	b	Ø	0	66	730	0032	-	-				
	c	2	24	68	780	0033	-	-				
	d	6	71	56	450	0024	-	-	0.5	1.0	3.0	4.0
	e	Ø	0	54	390	0023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, CP, & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,Ø	a	6	71	42	60	0014	-	-				
	b	6	71	52	340	0022	-	-				
	c	2	24	5Ø	280	0020	-	-				
	d	12	140	64	670	0030	-	-				
	e	4	47	66	730	0032	-	-	1.0	2.0	2.0	2.0
F,Ø	a	2	24	46	170	0017	-	-				
	b	1Ø	120	66	730	0032	-	-				
	c	2	24	5Ø	280	0020	-	-				
	d	Ø	0	98	1600	0054	-	-	0.5	1.0	2.0	2.0
	e	6	71	68	780	0033	-	-				
H,Ø	a	6	71	66	730	0032	-	-				
	b	2	24	8Ø	1100	0042	-	-				
	c	Ø	0	88	1300	0047	-	-	0.5	1.0	2.5	3.0
	d	2	24	54	390	0023	-	-				
	e	2Ø	240	66	730	0032	-	-				
I,Ø	a	6	71	64	670	0030	-	-				
	b	6	71	6Ø	560	0027	-	-				
	c	22	260	62	610	0029	-	-	0	0	3.5	5.0
	d	2	24	56	450	0024	-	-				
	e	6	71	52	340	0022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 1,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,3	a	Ø	0	70	840	0.034	-	-				
	b	8	94	64	670	0.030	-	-				
	c	Ø	0	60	560	0.027	-	-				
	d	4	47	54	390	0.023	-	-	0	0	2.0	2.0
	e	2	24	62	610	0.029	-	-				
I,3	a	6	71	58	500	0.026	-	-				
	b	2	24	66	730	0.032	-	-	1.0	2.0	2.5	3.0
	c	Ø	0	76	1000	0.039	-	-				
	d	4	47	58	500	0.026	-	-				
	e	6	71	58	500	0.026	-	-				
J,3	a	4	47	82	1200	0.043	-	-				
	b	6	71	48	220	0.019	-	-				
	c	4	47	86	1300	0.046	-	-				
	d	2	24	70	840	0.034	-	-				
	e	Ø	0	74	950	0.037	-	-	1.0	2.0	1.5	1.0
K,3	a	Ø	0	82	1200	0.043	-	-	0	0	1.5	1.0
	b	6	71	50	280	0.020	-	-				
	c	4	47	68	780	0.033	-	-				
	d	6	71	46	170	0.017	-	-				
	e	2	24	78	1100	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,3	a	4	47	58	500	0.026	-	-				
	b	Ø	0	54	390	0.023	-	-				
	c	8	94	50	280	0.020	-	-				
	d	8	94	58	500	0.026	-	-				
	e	Ø	0	56	450	0.024	-	-	0	0	4.0	6.0
M,3	a	4	47	82	1200	0.043	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	10	120	60	560	0.027	-	-	0	0	1.0	0
	d	4	47	68	780	0.033	-	-				
	e	4	47	84	1200	0.044	-	-				
N,3	a	8	94	58	500	0.026	-	-				
	b	4	47	72	890	0.036	-	-				
	c	4	47	60	560	0.027	-	-				
	d	4	47	54	390	0.023	-	-				
	e	2	24	86	1300	0.046	-	-	0	0	3.5	5.0
O,3	a	4	47	78	1100	0.040	-	-				
	b	6	71	68	780	0.033	-	-				
	c	4	47	72	890	0.036	-	-				
	d	6	71	80	1100	0.042	-	-	0	0	2.0	2.0
	e	Ø	0	78	1100	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, PF, BR, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
P,3	a	2	24	52	340	0.022	-	-				
	b	2	24	54	390	0.023	-	-				
	c	4	47	62	610	0.029	-	-	0	0	1.0	0
	d	4	47	50	280	0.020	-	-				
	e	4	47	36	0	0.013	-	-				
Q,3	a	6	71	66	730	0.032	-	-				
	b	2	24	74	950	0.037	-	-				
	c	2	24	54	390	0.023	-	-				
	d	2	24	70	840	0.034	-	-	0	0	1.5	1.0
	e	2	24	64	670	0.030	-	-				
S,3	a	4	47	68	780	0.033	-	-				
	b	0	0	62	610	0.029	-	-				
	c	2	24	70	840	0.034	-	-				
	d	2	24	54	390	0.023	-	-	0	0	2.0	2.0
	e	6	71	70	840	0.034	-	-				
A,6	a	2	24	56	450	0.024	-	-				
	b	4	47	60	560	0.027	-	-				
	c	8	94	52	340	0.022	-	-	0	0	1.5	1.0
	d	0	0	64	670	0.030	-	-				
	e	2	24	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI .(s) BR, BZ, PF, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,6	a	8	94	78	1100	0.040	-	-	0	0	3.5	5.0
	b	0	0	68	780	0.033	-	-				
	c	2	24	56	450	0.024	-	-				
	d	6	71	68	780	0.033	-	-				
	e	4	47	46	170	0.017	-	-				
C,6	a	4	47	68	780	0.033	-	-				
	b	6	71	26	0	0.013	-	-				
	c	2	24	70	840	0.034	-	-	0	0	1.0	0
	d	0	0	96	1600	0.053	-	-				
	e	4	47	48	220	0.019	-	-				
D,6	a	4	47	64	670	0.030	-	-				
	b	4	47	64	670	0.030	-	-				
	c	4	47	76	1000	0.039	-	-	2.0	5.0	2.0	2.0
	d	2	24	82	1200	0.043	-	-				
	e	2	24	58	500	0.026	-	-				
E,6	a	2	24	60	560	0.027	-	-				
	b	2	24	52	340	0.022	-	-				
	c	10	120	56	450	0.024	-	-				
	d	2	24	70	840	0.034	-	-				
	e	4	47	64	670	0.030	-	-	0	0	3.0	4.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI .(s) MB, CP, & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
F,6	a	2	24	62	600	0.029	-	-				
	b	4	47	54	390	0.023	-	-				
	c	6	71	60	560	0.027	-	-				
	d	0	0	68	780	0.033	-	-				
	e	2	24	88	1300	0.047	-	-	0	0	2.5	3.0
G,6	a	6	71	38	0	0.013	-	-				
	b	6	71	68	780	0.033	-	-				
	c	0	0	48	220	0.019	-	-				
	d	2	24	60	560	0.027	-	-				
	e	0	0	76	1000	0.039	-	-	0	0	1.5	1.0
H,6	a	2	24	36	0	0.013	-	-				
	b	2	24	60	560	0.027	-	-				
	c	0	0	76	1000	0.039	-	-				
	d	6	71	66	730	0.032	-	-				
	e	4	47	70	840	0.034	-	-	0.5	1.0	3.0	4.0
I,6	a	4	47	56	450	0.024	-	-				
	b	8	94	70	840	0.034	-	-				
	c	6	71	62	600	0.029	-	-				
	d	4	47	66	730	0.032	-	-				
	e	6	71	68	780	0.033	-	-	0	0	3.0	4.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
J,6	a	6	71	76	1000	0.039	-	-				
	b	2	24	62	610	0.029	-	-				
	c	2	24	66	730	0.032	-	-				
	d	4	47	80	1100	0.042	-	-	0.5	1.0	2.5	3.0
	e	2	24	54	390	0.023	-	-				
K,6	a	6	71	56	450	0.024	-	-				
	b	4	47	86	1300	0.046	-	-				
	c	6	71	60	560	0.027	-	-				
	d	6	71	62	610	0.029	-	-				
	e	2	24	52	340	0.022	-	-	0	0	2.5	3.0
L,6	a	8	94	60	560	0.027	-	-	0	0	1.5	1.0
	b	4	47	58	500	0.026	-	-				
	c	10	120	70	840	0.034	-	-				
	d	2	24	48	220	0.019	-	-				
	e	2	24	70	840	0.034	-	-				
M,6	a	4	47	66	730	0.032	-	-				
	b	0	0	74	950	0.037	-	-	0	0	1.5	1.0
	c	4	47	70	840	0.034	-	-				
	d	0	0	60	560	0.027	-	-				
	e	4	47	64	670	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
N,6	a	2	24	70	840	0.034	-	-	0.5	1.0	2.0	2.0
	b	0	0	60	560	0.027	-	-				
	c	2	24	50	280	0.020	-	-				
	d	4	47	68	780	0.033	-	-				
	e	4	47	70	840	0.034	-	-				
O,6	a	0	0	44	110	0.016	-	-				
	b	0	0	72	890	0.036	-	-	0.5	1.0	2.0	2.0
	c	0	0	48	220	0.019	-	-				
	d	2	24	64	670	0.030	-	-				
	e	2	24	56	450	0.024	-	-				
P,6	a	8	94	82	1200	0.043	-	-	0.5	1.0	1.5	1.0
	b	8	94	46	170	0.017	-	-				
	c	6	71	80	1100	0.042	-	-				
	d	4	47	74	950	0.037	-	-				
	e	4	47	52	340	0.022	-	-				
R,6	a	2	24	72	890	0.036	-	-				
	b	4	47	54	390	0.023	-	-				
	c	2	24	56	450	0.024	-	-				
	d	0	0	66	730	0.032	-	-				
	e	6	71	62	610	0.029	-	-	0.5	1.0	1.5	1.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) CP, PF, BZ, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
S,6	a	0	0	32	0	0.013	-	-	0.5	1.0	2.0	2.0
	b	0	0	46	170	0.017	-	-				
	c	8	94	86	1300	0.046	-	-				
	d	4	47	66	730	0.032	-	-				
	e	4	47	60	560	0.027	-	-				
A,9	a	4	47	78	1100	0.040	-	-				
	b	8	94	56	450	0.024	-	-				
	c	4	47	68	780	0.033	-	-	0.5	1.0	2.0	2.0
	d	2	24	86	1300	0.046	-	-				
	e	4	47	56	450	0.024	-	-				
B,9	a	6	71	68	780	0.033	-	-				
	b	2	24	72	890	0.036	-	-				
	c	2	24	76	1000	0.039	-	-				
	d	0	0	72	890	0.036	-	-	0	0	2.5	3.0
	e	2	24	64	670	0.030	-	-				
C,9	a	10	120	52	340	0.022	-	-	0	0	5.0	7.0
	b	10	120	50	280	0.020	-	-				
	c	0	0	64	670	0.030	-	-				
	d	8	94	60	560	0.027	-	-				
	e	4	47	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,9	a	Ø	0	64	670	0030	-	-				
	b	4	47	8Ø	1100	0042	-	-	0.5	1.0	3.0	4.0
	c	Ø	0	52	340	0022	-	-				
	d	2	24	68	780	0033	-	-				
	e	4	47	8Ø	1100	0042	-	-				
E,9	a	6	71	66	730	0032	-	-				
	b	4	47	8Ø	1100	0042	-	-				
	c	4	47	7Ø	840	0034	-	-				
	d	2	24	62	610	0029	-	-	0	0	3.5	5.0
	e	4	47	58	500	0026	-	-				
F,9	a	4	47	7Ø	840	0034	-	-	0	0	1.0	0
	b	Ø	0	8Ø	1100	0042	-	-				
	c	6	71	6Ø	560	0027	-	-				
	d	4	47	6Ø	560	0027	-	-				
	e	12	140	68	780	0033	-	-				
G,9	a	6	71	72	890	0036	-	-				
	b	2	24	56	450	0024	-	-				
	c	8	94	62	610	0029	-	-				
	d	6	71	58	500	0026	-	-	0.5	1.0	3.0	4.0
	e	8	94	54	390	0023	-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR, CP, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,9	a	2	24	56	450	0024	-	-	0.5	1.0	3.0	4.0
	b	4	47	64	670	0030	-	-				
	c	4	47	68	780	0033	-	-				
	d	2	24	92	1500	0050	-	-				
	e	14	170	7Ø	840	0034	-	-				
I,9	a	6	71	62	610	0029	-	-				
	b	2	24	68	780	0033	-	-				
	c	4	47	8Ø	1100	0042	-	-				
	d	6	71	58	500	0026	-	-	0	0	2.5	3.0
	e	2	24	58	500	0026	-	-				
J,9	a	Ø	0	52	340	0022	-	-				
	b	Ø	0	78	1100	0040	-	-				
	c	2	24	64	670	0030	-	-	0	0	1.5	1.0
	d	2	24	7Ø	840	0034	-	-				
	e	8	94	58	500	0026	-	-				
K,9	a	Ø	0	76	1000	0039	-	-	0	0	0.5	0
	b	Ø	0	52	340	0022	-	-				
	c	6	71	68	780	0033	-	-				
	d	6	71	72	890	0036	-	-				
	e	6	71	64	670	0030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,9	a	4	47	46	170	0.017	-	-				
	b	2	24	72	890	0.036	-	-	0.5	1.0	2.0	2.0
	c	0	0	56	450	0.024	-	-				
	d	4	47	60	560	0.027	-	-				
	e	0	0	48	220	0.019	-	-				
M,9	a	2	24	76	1000	0.039	-	-	0	0	6.5	10.0
	b	2	24	66	730	0.032	-	-				
	c	2	24	64	670	0.030	-	-				
	d	14	170	78	1100	0.040	-	-				
	e	8	94	40	0	0.013	-	-				
N,9	a	2	24	52	340	0.022	-	-				
	b	4	47	54	390	0.023	-	-				
	c	4	47	60	560	0.027	-	-				
	d	0	0	62	610	0.029	-	-				
	e	4	47	76	1000	0.039	-	-	0	0	4.0	6.0
O,9	a	2	24	56	450	0.024	-	-				
	b	0	0	50	280	0.020	-	-				
	c	2	24	58	500	0.026	-	-				
	d	0	0	62	610	0.029	-	-				
	e	4	47	68	780	0.033	-	-	0	0	1.5	1.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) PF, BR, BZ & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
P,9	a	4	47	70	840	0.034	-	-				
	b	2	24	38	0	0.013	-	-				
	c	4	47	68	780	0.033	-	-				
	d	6	71	86	1300	0.046	-	-	0.5	1.0	6.5	10.0
	e	4	47	44	110	0.016	-	-				
R,9	a	2	24	64	670	0.030	-	-				
	b	4	47	64	670	0.030	-	-				
	c	4	47	48	220	0.019	-	-				
	d	0	0	60	560	0.027	-	-				
	e	4	47	82	1200	0.043	-	-	0	0	1.5	1.0
S,9	a	4	47	60	560	0.027	-	-				
	b	4	47	62	610	0.029	-	-				
	c	0	0	72	890	0.036	-	-				
	d	4	47	86	1300	0.046	-	-				
	e	2	24	76	1000	0.039	-	-	0.5	1.0	3.5	5.0
A,12	a	10	120	90	1400	0.049	-	-	0	0	1.0	0
	b	0	0	58	500	0.026	-	-				
	c	10	120	62	610	0.029	-	-				
	d	2	24	72	890	0.036	-	-				
	e	8	94	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) MB, CP, BR, PF, & BZ DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,12	a	6	71	56	450	0.024	-	-				
	b	2	24	40	0	0.013	-	-				
	c	6	71	86	1300	0.046	-	-	1.0	2.0	3.5	5.0
	d	8	94	74	950	0.037	-	-				
	e	2	24	62	610	0.029	-	-				
C,12	a	6	71	68	780	0.033	-	-				
	b	8	94	50	280	0020	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	50	280	0020	-	-				
	e	4	47	72	890	0.036	-	-	0	0	5.0	7.0
D,12	a	2	24	84	1200	0044	-	-				
	b	6	71	62	610	0029	-	-	0	0	5.0	7.0
	c	4	47	66	730	0.032	-	-				
	d	4	47	56	450	0024	-	-				
	e	0	0	74	950	0037	-	-				
E,12	a	6	71	62	610	0029	-	-				
	b	2	24	68	780	0.033	-	-	0	0	3.0	4.0
	c	6	71	62	610	0.029	-	-				
	d	6	71	56	450	0.024	-	-				
	e	6	71	56	450	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,12	a	2	24	52	340	0.022	-	-				
	b	4	47	66	730	0.032	-	-	0.5	1.0	2.5	3.0
	c	10	120	70	840	0.034	-	-				
	d	8	94	46	170	0017	-	-				
	e	0	0	70	840	0.034	-	-				
G,12	a	2	24	64	670	0030	-	-				
	b	4	47	54	390	0023	-	-				
	c	0	0	78	1100	0040	-	-	0.5	1.0	3.0	4.0
	d	4	47	70	840	0.034	-	-				
	e	4	47	80	1100	0.042	-	-				
H,12	a	0	0	70	840	0034	-	-				
	b	2	24	48	220	0019	-	-	0	0	3.5	5.0
	c	6	71	86	1300	0046	-	-				
	d	4	47	52	340	0022	-	-				
	e	0	0	46	170	0.017	-	-				
I,12	a	2	24	56	450	0024	-	-				
	b	4	47	70	840	0.034	-	-				
	c	4	47	70	840	0034	-	-	0	0	3.0	4.0
	d	2	24	72	890	0.036	-	-				
	e	2	24	74	950	0.037	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,12	a	2	24	44	110	0.016	-	-				
	b	ϕ	0	52	340	0.022	-	-	0	0	1.5	1.0
	c	4	47	62	610	0.029	-	-				
	d	ϕ	0	70	840	0.034	-	-				
	e	10	120	50	280	0.020	-	-				
K,12	a	ϕ	0	64	670	0.030	-	-				
	b	2	24	64	670	0.030	-	-	0	0	2.0	2.0
	c	2	24	62	610	0.029	-	-				
	d	4	47	72	890	0.036	-	-				
	e	4	47	70	840	0.034	-	-				
L,12	a	2	24	62	610	0.029	-	-				
	b	6	71	80	1100	0.042	-	-				
	c	4	47	78	1100	0.040	-	-	0	0	3.5	5.0
	d	4	47	68	780	0.033	-	-				
	e	4	47	72	890	0.036	-	-				
M,12	a	2	24	82	1200	0.043	-	-				
	b	8	94	78	1100	0.040	-	-				
	c	6	71	70	840	0.034	-	-				
	d	2	24	84	1200	0.044	-	-				
	e	4	47	60	560	0.027	-	-	0	0	3.5	5.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL (s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,12	a	2	24	64	670	0.030	-	-				
	b	6	71	40	0	0.013	-	-				
	c	2	24	76	1000	0.039	-	-	0	0	3.0	4.0
	d	4	47	70	840	0.034	-	-				
	e	ϕ	0	62	610	0.029	-	-				
O,12	a	4	47	56	450	0.024	-	-				
	b	2	24	44	110	0.016	-	-				
	c	ϕ	0	48	220	0.019	-	-				
	d	8	94	68	780	0.033	-	-	0	0	0.5	0
	e	2	24	62	610	0.029	-	-				
P,12	a	6	71	68	780	0.033	-	-	0	0	3.0	4.0
	b	2	24	64	670	0.030	-	-				
	c	6	71	58	500	0.026	-	-				
	d	4	47	48	220	0.019	-	-				
	e	6	71	66	730	0.032	-	-				
R,12	a	4	47	56	450	0.024	-	-				
	b	2	24	62	610	0.029	-	-				
	c	2	24	56	450	0.024	-	-				
	d	2	24	64	670	0.030	-	-				
	e	4	47	82	1200	0.043	-	-	1.0	2.0	2.0	2.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVE (s) BZ, PF, CP, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
S,12	a	16	190	62	610	0029	-	-				
	b	ϕ	0	54	390	0023	-	-				
	c	2	24	64	670	0.030	-	-				
	d	ϕ	0	58	500	0026	-	-				
	e	2	24	58	500	0026	-	-	0	0	1.0	0
I,15	a	6	71	76	1000	0039	-	-				
	b	4	47	68	780	0033	-	-	0	0	1.5	1.0
	c	ϕ	0	72	890	0036	-	-				
	d	6	71	66	730	0032	-	-				
	e	2	24	56	450	0024	-	-				
J,15	a	4	47	74	950	0037	-	-				
	b	6	71	48	220	0019	-	-				
	c	2	24	56	450	0024	-	-				
	d	4	47	7ϕ	840	0.034	-	-				
	e	1ϕ	120	64	670	0030	-	-	0	0	0.5	0
K,15	a	ϕ	0	74	950	0037	-	-				
	b	2	24	64	670	0030	-	-				
	c	8	94	8ϕ	1100	0.042	-	-	0	0	2.0	2.0
	d	2	24	74	950	0037	-	-				
	e	4	47	78	1100	0040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR, MB, BZ, & PF DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
L,15	a	2	24	52	340	0022	-	-				
	b	8	94	68	780	0033	-	-				
	c	2	24	62	610	0029	-	-				
	d	2	24	74	950	0.037	-	-	0	0	2.0	2.0
	e	6	71	84	1200	0044	-	-				
M,15	a	4	47	68	780	0033	-	-				
	b	2	24	66	730	0032	-	-				
	c	2	24	54	390	0023	-	-				
	d	6	71	68	780	0033	-	-	0.5	1.0	3.0	4.0
	e	2	24	86	1300	0046	-	-				
N,15	a	ϕ	0	76	1000	0039	-	-				
	b	4	47	44	110	0016	-	-				
	c	2	24	54	390	0023	-	-				
	d	2	24	74	950	0037	-	-	0	0	3.0	4.0
	e	4	47	52	340	0022	-	-				
O,15	a	2	24	76	1000	0039	-	-				
	b	2	24	5ϕ	280	0020	-	-				
	c	6	71	6ϕ	560	0027	-	-				
	d	1ϕ	120	72	890	0036	-	-	0.5	1.0	2.0	2.0
	e	2	24	54	390	0023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, BR, MB, & PF DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69

FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
P,15	a	2	24	68	780	0.033	-	-				
	b	2	24	68	780	0.033	-	-				
	c	8	94	74	950	0.037	-	-				
	d	6	71	70	840	0.034	-	-				
	e	0	0	92	1500	0.050	-	-	0	0	2.0	2.0
R,15	a	2	24	50	280	0.020	-	-				
	b	4	47	58	500	0.026	-	-				
	c	0	0	68	780	0.033	-	-				
	d	0	0	62	610	0.029	-	-				
	e	4	47	78	1100	0.040	-	-	0.5	1.0	0.5	0
S,15	a	0	0	82	1200	0.043	-	-				
	b	0	0	56	450	0.024	-	-				
	c	4	47	74	950	0.037	-	-				
	d	4	47	64	670	0.030	-	-	0	0	2.5	3.0
	e	4	47	50	280	0.020	-	-				
H,18	a	2	24	58	500	0.026	-	-				
	b	4	47	78	1100	0.040	-	-				
	c	4	47	76	1000	0.039	-	-	0.5	1.0	1.5	1.0
	d	8	94	62	610	0.029	-	-				
	e	2	24	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) CP, BR, MB, BZ, & PF DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69

FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,18	a	6	71	68	780	0.033	-	-	0	0	2.0	2.0
	b	4	47	44	110	0.016	-	-				
	c	0	0	48	220	0.019	-	-				
	d	2	24	76	1000	0.039	-	-				
	e	4	47	60	560	0.027	-	-				
J,18	a	2	24	56	450	0.024	-	-				
	b	0	0	60	560	0.027	-	-				
	c	2	24	70	840	0.034	-	-	0	0	3.0	4.0
	d	10	120	54	390	0.023	-	-				
	e	4	47	54	390	0.023	-	-				
K,18	a	2	24	72	890	0.036	-	-				
	b	8	94	56	450	0.024	-	-				
	c	4	47	86	1300	0.046	-	-				
	d	4	47	50	280	0.020	-	-	0.5	1.0	3.0	4.0
	e	0	0	64	670	0.030	-	-				
L,18	a	4	47	70	840	0.034	-	-				
	b	6	71	68	780	0.033	-	-				
	c	2	24	54	390	0.023	-	-				
	d	2	24	62	610	0.029	-	-				
	e	2	24	70	840	0.034	-	-	0	0	4.0	6.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) PF, BR, MB, & BZ DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
M, 18	a	Ø	0	62	610	0029	-	-				
	b	4	47	74	950	0037	-	-				
	c	2	24	52	340	0022	-	-	0	0	3.0	4.0
	d	2	24	82	1200	0043	-	-				
	e	4	47	70	840	0034	-	-				
N, 18	a	2	24	66	730	0032	-	-				
	b	4	47	58	500	0026	-	-				
	c	4	47	60	560	0027	-	-				
	d	8	94	60	560	0027	-	-	0	0	1.0	0
	e	4	47	60	560	0027	-	-				
O, 18	a	Ø	0	50	280	0.020	-	-				
	b	4	47	42	60	0.014	-	-				
	c	2	24	54	390	0.023	-	-	0.5	1.0	3.5	5.0
	d	10	120	50	280	0.020	-	-				
	e	Ø	0	70	840	0.034	-	-				
P, 18	a	Ø	0	64	670	0.030	-	-				
	b	4	47	60	560	0.027	-	-				
	c	8	94	66	730	0.032	-	-	0	0	2.5	3.0
	d	8	94	46	170	0.017	-	-				
	e	6	71	66	730	0032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BZ, MB, PF, & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R, 18	a	Ø	0	52	340	0022	-	-				
	b	4	47	64	670	0.030	-	-	0	0	2.0	2.0
	c	Ø	0	48	220	0.019	-	-				
	d	Ø	0	58	500	0.026	-	-				
	e	Ø	0	60	560	0.027	-	-				
S, 18	a	6	71	56	450	0024	-	-				
	b	Ø	0	54	390	0.023	-	-				
	c	Ø	0	52	340	0.022	-	-				
	d	2	24	60	560	0.027	-	-	0	0	2.0	2.0
	e	2	24	38	0	0.013	-	-				
H, 21	a	2	24	60	560	0027	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	2	24	44	110	0.016	-	-				
	d	6	71	68	780	0.033	-	-	0.5	1.0	2.5	3.0
	e	4	47	78	1100	0.040	-	-				
I, 21	a	2	24	72	890	0.036	-	-				
	b	10	120	50	280	0.020	-	-				
	c	4	47	68	780	0033	-	-				
	d	2	24	78	1100	0.040	-	-				
	e	8	94	74	950	0037	-	-	1.0	2.0	2.0	2.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, CP, & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,21	a	2	24	52	340	0.022	-	-				
	b	6	71	64	670	0.030	-	-	0	0	2.0	2.0
	c	4	47	56	450	0.024	-	-				
	d	2	24	50	280	0.020	-	-				
	e	6	71	62	610	0.029	-	-				
K,21	a	6	71	84	1200	0.044	-	-				
	b	6	71	50	280	0.020	-	-				
	c	0	0	80	1100	0.042	-	-				
	d	14	170	50	280	0.020	-	-				
	e	0	0	56	450	0.024	-	-	0.5	1.0	2.0	2.0
L,21	a	8	94	76	1000	0039	-	-	0	0	2.5	3.0
	b	2	24	42	60	0.014	-	-				
	c	2	24	52	340	0.022	-	-				
	d	10	120	78	1100	0040	-	-				
	e	2	24	76	1000	0039	-	-				
M,21	a	2	24	84	1200	0044	-	-				
	b	2	24	80	1100	0042	-	-	0.5	1.0	3.0	4.0
	c	6	71	48	220	0019	-	-				
	d	12	140	78	1100	0040	-	-				
	e	10	120	54	380	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) BR, PF, BZ, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,21	a	2	24	78	1100	0.040	-	-				
	b	4	47	54	390	0.023	-	-				
	c	4	47	66	730	0.032	-	-				
	d	2	24	52	340	0.022	-	-	0	0	2.0	2.0
	e	0	0	76	1000	0.039	-	-				
O,21	a	8	94	56	450	0.024	-	-				
	b	4	47	80	1100	0.042	-	-	0	0	3.0	4.0
	c	0	0	62	610	0.029	-	-				
	d	10	120	70	840	0.034	-	-				
	e	8	94	54	390	0.023	-	-				
P,21	a	4	47	66	730	0.032	-	-				
	b	2	24	62	610	0.029	-	-				
	c	2	24	60	560	0.027	-	-				
	d	4	47	92	1500	0.050	-	-	0	0	2.0	2.0
	e	2	24	56	450	0.024	-	-				
R,21	a	0	0	48	220	0.019	-	-				
	b	4	47	60	560	0.027	-	-				
	c	6	71	46	170	0.017	-	-				
	d	2	24	64	670	0.030	-	-				
	e	4	47	64	670	0.030	-	-	0	0	1.5	1.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI (s) CP, BR, PF, MB, & BZ DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
S,21	a	2	24	40	0	0.013	-	-				
	b	2	24	42	60	0.014	-	-				
	c	0	0	52	340	0.022	-	-	0.5	1.0	1.5	1.0
	d	0	0	36	0	0.013	-	-				
	e	0	0	58	500	0.026	-	-				
H,24	a	0	0	58	500	0.026	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	0	0	52	340	0.022	-	-				
	d	12	140	60	560	0.027	-	-				
	e	4	47	80	1100	0.042	-	-	1.0	2.0	3.5	5.0
I,24	a	2	24	68	780	0.033	-	-				
	b	2	24	56	450	0.024	-	-				
	c	8	94	54	390	0.023	-	-				
	d	4	47	78	1100	0.040	-	-	0	0	2.0	2.0
	e	6	71	56	450	0.024	-	-				
J,24	a	2	24	42	60	0.014	-	-				
	b	6	71	54	390	0.023	-	-				
	c	2	24	58	500	0.026	-	-				
	d	4	47	66	730	0.032	-	-	0	0	3.5	5.0
	e	0	0	52	340	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR, PF, MB, & BZ DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
K,24	a	0	0	72	890	0.036	-	-	0	0	3.0	4.0
	b	0	0	76	1000	0.039	-	-				
	c	4	47	62	610	0.029	-	-				
	d	4	47	90	1400	0.049	-	-				
	e	4	47	50	280	0.020	-	-				
L,24	a	2	24	60	560	0.027	-	-				
	b	6	71	58	500	0.026	-	-	0	0	2.5	3.0
	c	4	47	76	1000	0.039	-	-				
	d	2	24	80	1100	0.042	-	-				
	e	0	0	76	1000	0.039	-	-				
M,24	a	0	0	58	500	0.026	-	-				
	b	4	47	62	610	0.029	-	-	0	0	5.0	7.0
	c	2	24	62	610	0.029	-	-				
	d	2	24	46	170	0.017	-	-				
	e	4	47	72	890	0.036	-	-				
N,24	a	4	47	54	390	0.023	-	-				
	b	6	71	76	1000	0.039	-	-				
	c	0	0	58	500	0.026	-	-	0.5	1.0	1.0	0
	d	6	71	62	610	0.029	-	-				
	e	4	47	80	1100	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
0,24	a	2	24	50	280	0.020	-	-				
	b	0	0	64	670	0.030	-	-				
	c	6	71	58	500	0.026	-	-				
	d	2	24	50	280	0.020	-	-				
	e	0	0	80	1100	0.042	-	-	0.5	1.0	2.0	2.0
P,24	a	2	24	58	500	0.026	-	-				
	b	6	71	58	500	0.026	-	-				
	c	2	24	90	1400	0.049	-	-	0.5	1.0	2.5	3.0
	d	2	24	58	500	0.026	-	-				
	e	4	47	58	500	0.026	-	-				
R,24	a	0	0	54	390	0.023	-	-				
	b	0	0	62	610	0.029	-	-				
	c	0	0	50	280	0.020	-	-				
	d	4	47	60	560	0.027	-	-	1.0	2.0	3.0	4.0
	e	0	0	46	170	0.017	-	-				
S,24	a	2	24	66	730	0.032	-	-				
	b	4	47	58	500	0.026	-	-				
	c	4	47	62	610	0.029	-	-	0	0	1.5	1.0
	d	2	24	66	730	0.032	-	-				
	e	0	0	68	780	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL (s) PF, BZ, CP, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,27	a	0	0	68	780	0.033	-	-	0	0	1.5	1.0
	b	0	0	70	840	0.034	-	-				
	c	4	47	72	890	0.036	-	-				
	d	8	94	70	840	0.034	-	-				
	e	6	71	70	840	0.034	-	-				
I,27	a	2	24	94	1500	0.052	-	-				
	b	12	140	86	1300	0.046	-	-				
	c	4	47	56	450	0.024	-	-	0.5	1.0	2.0	2.0
	d	4	47	66	730	0.032	-	-				
	e	8	94	72	890	0.036	-	-				
J,27	a	4	47	54	340	0.023	-	-				
	b	6	71	80	1100	0.042	-	-	0	0	1.5	1.0
	c	4	47	66	730	0.032	-	-				
	d	0	0	52	340	0.022	-	-				
	e	0	0	76	1000	0.039	-	-				
K,27	a	4	47	64	670	0.030	-	-				
	b	2	24	58	500	0.026	-	-				
	c	2	24	82	1200	0.043	-	-	0	0	4.0	6.0
	d	4	47	66	730	0.032	-	-				
	e	4	47	60	560	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVE (s) BZ, MB, BR, & PF DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,27	a	8	94	54	340	0023	-	-				
	b	4	47	68	790	0033	-	-				
	c	ϕ	0	88	1300	0047	-	-	0.5	1.0	3.0	4.0
	d	4	47	7ϕ	840	0034	-	-				
	e	2	24	6ϕ	560	0027	-	-				
M,27	a	4	47	84	1200	0.044	-	-	0	0	3.0	4.0
	b	6	71	62	610	0029	-	-				
	c	6	71	88	1300	0047	-	-				
	d	8	94	62	610	0.029	-	-				
	e	2	24	84	1200	0.044	-	-				
N,27	a	2	24	58	500	0.026	-	-				
	b	2	24	7ϕ	840	0.034	-	-	0.5	1.0	1.0	0
	c	6	71	58	500	0.026	-	-				
	d	4	47	6ϕ	560	0.027	-	-				
	e	6	71	56	450	0024	-	-				
O,27	a	6	71	68	780	0033	-	-				
	b	6	71	6ϕ	560	0027	-	-				
	c	ϕ	0	82	1200	0043	-	-				
	d	2	24	222	5078	0143	-	-	0.5	1.0	2.5	3.0
	e	2	24	56	450	0024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) PF, BR, MB, & BZ DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
P,27 *	a	4	47	46	170	0.017	-	-				
	b	6	71	90	1400	0.049	-	-				
	c	2	24	52	340	0.022	-	-				
	d	34	400	82	1200	0.043	-	-	0	0	1.5	1.0
	e	8	94	76	1000	0.039	-	-				
R,27	a	4	47	46	170	0.017	-	-	0	0	3.0	4.0
	b	4	47	4ϕ	0	0013	-	-				
	c	2	24	46	170	0.017	-	-				
	d	ϕ	0	5ϕ	280	0.020	-	-				
	e	2	24	64	670	0.030	-	-				
S,27	a	2	24	82	1200	0.043	-	-	0	0	3.5	5.0
	b	ϕ	0	9ϕ	1400	0.049	-	-				
	c	8	94	68	780	0033	-	-				
	d	2	24	66	730	0.032	-	-				
	e	2	24	64	670	0.030	-	-				
H,3ϕ	a	4	47	84	1200	0.044	-	-				
	b	4	47	72	890	0036	-	-	0	0	3.0	4.0
	c	8	94	6ϕ	560	0027	-	-				
	d	ϕ	0	58	500	0.026	-	-				
	e	2	24	84	1200	0.044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

* See page for elevated reading

SURVEYOR(S) BR, PF, BZ, CP, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I, 3Ø	a	4	47	7Ø	840	0.034	-	-				
	b	2	24	66	730	0.032	-	-	1.0	2.0	2.5	3.0
	c	Ø	0	64	670	0.030	-	-				
	d	8	94	48	220	0.019	-	-				
	e	6	71	8Ø	1100	0.042	-	-				
J, 3Ø	a	Ø	0	68	780	0.033	-	-				
	b	Ø	0	72	890	0.036	-	-				
	c	14	170	9Ø	1400	0.049	-	-	0	0	4.0	6.0
	d	12	140	72	890	0.036	-	-				
	e	Ø	0	66	730	0.032	-	-				
K, 3Ø	a	2	24	96	1600	0.053	-	-				
	b	Ø	0	54	390	0.023	-	-				
	c	6	71	56	450	0.024	-	-	0	0	2.5	3.0
	d	4	47	7Ø	840	0.034	-	-				
	e	Ø	0	78	1100	0.040	-	-				
L, 3Ø	a	6	71	54	390	0.023	-	-				
	b	Ø	0	8Ø	1100	0.042	-	-				
	c	4	47	64	670	0.030	-	-				
	d	8	94	66	730	0.032	-	-	0.5	1.0	4.5	7.0
	e	1Ø	120 TNTC	5Ø	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL (s) BR, PF, MB, & BZ DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M, 3Ø	a	2	24	72	890	0.036	-	-				
	b	2	24	42	60	0.014	-	-				
	c	4	47	76	1000	0.039	-	-				
	d	8	94	74	950	0.037	-	-				
	e	4	47	68	780	0.033	-	-	0	0	3.0	4.0
N, 3Ø	a	4	47	72	890	0.036	-	-	0	0	4.0	6.0
	b	2	24	64	670	0.030	-	-				
	c	2	24	72	890	0.036	-	-				
	d	4	47	72	890	0.036	-	-				
	e	2	24	64	670	0.030	-	-				
O, 3Ø	a	6	71	66	730	0.032	-	-				
	b	4	47	88	1300	0.047	-	-				
	c	12	140	7Ø	840	0.034	-	-	0	0	1.5	1.0
	d	4	47	58	500	0.026	-	-				
	e	8	94	84	1200	0.044	-	-				
P, 3Ø	a	4	47	78	1100	0.040	-	-				
	b	6	71	72	890	0.036	-	-				
	c	8	94	76	1000	0.039	-	-	0.5	1.0	5.0	7.0
	d	2	24	62	610	0.029	-	-				
	e	6	71	64	670	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL (s) PF, BZ, BR, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R, 30	a	ϕ	0	74	950	0.037	-	-				
	b	ϕ	0	74	950	0.037	-	-				
	c	2	24	66	730	0.032	-	-	0	0	2.0	2.0
	d	2	24	52	340	0.022	-	-				
	e	ϕ	0	46	170	0.017	-	-				
S, 30	a	2	24	60	560	0.027	-	-				
	b	6	71	66	730	0.032	-	-	0.5	1.0	3.0	4.0
	c	ϕ	0	34	0	0.013	-	-				
	d	2	24	74	950	0.037	-	-				
	e	2	24	60	560	0.027	-	-				
H, 33	a	8	94	74	950	0.037	-	-				
	b	10	120	58	500	0.026	-	-				
	c	8	94	84	1200	0.044	-	-	1.0	2.0	1.5	1.0
	d	2	24	80	1100	0.042	-	-				
	e	8	94	66	730	0.032	-	-				
I, 33	a	ϕ	0	64	670	0.030	-	-	0	0	1.5	1.0
	b	ϕ	0	58	500	0.026	-	-				
	c	4	47	72	890	0.036	-	-				
	d	2	24	66	730	0.032	-	-				
	e	4	47	62	610	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, MB, & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
J, 33	a	6	71	56	450	0.024	-	-				
	b	10	120	88	1300	0.047	-	-	0.5	1.0	2.0	2.0
	c	2	24	54	390	0.023	-	-				
	d	6	71	54	390	0.023	-	-				
	e	8	94	56	450	0.024	-	-				
K, 33	a	14	170	50	280	0.020	-	-				
	b	8	94	62	610	0.029	-	-				
	c	12	142	72	890	0.036	-	-				
	d	20	240	62	610	0.029	-	-	0	0	2.0	2.0
	e	2	24	50	280	0.020	-	-				
L, 33	a	10	120	80	1100	0.042	-	-				
	b	4	47	70	840	0.034	-	-				
	c	2	24	68	780	0.033	-	-				
	d	4	47	50	280	0.020	-	-				
	e	4	47	56	450	0.024	-	-	0	0	1.5	1.0
M, 33	a	2	24	90	1400	0.049	-	-				
	b	8	94	80	1100	0.042	-	-				
	c	2	24	66	730	0.032	-	-				
	d	2	24	66	730	0.032	-	-				
	e	2	24	82	1200	0.043	-	-	0	0	2.0	2.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, PF, BR, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N, 33	a	6	71	48	220	0.019	-	-				
	b	10	120	56	450	0024	-	-				
	c	6	71	68	780	0.033	-	-				
	d	8	94	56	450	0024	-	-				
	e	4	47	62	610	0.029	-	-	0	0	0	0
O, 33	a	6	71	84	1200	0.044	-	-				
	b	6	71	88	1300	0.047	-	-				
	c	0	0	58	500	0026	-	-				
	d	12	140	96	1600	0.053	-	-	1.0	2.0	2.5	3.0
	e	6	71	58	500	0.026	-	-				
P, 33	a	4	47	56	450	0024	-	-				
	b	8	94	46	170	0.017	-	-				
	c	6	71	56	450	0024	-	-				
	d	10	120	64	670	0.030	-	-				
	e	34	400	68	780	0.033	-	-	0.5	1.0	2.0	2.0
R, 33	a	6	71	64	670	0.030	-	-	0	0	1.0	0
	b	2	24	56	450	0024	-	-				
	c	2	24	48	220	0019	-	-				
	d	4	47	48	220	0.019	-	-				
	e	2	24	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEY(s) BR, CP, PF, BZ, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S, 33	a	6	71	62	610	0029	-	-	0	0	1.5	1.0
	b	0	0	66	730	0.032	-	-				
	c	4	47	68	780	0033	-	-				
	d	2	24	54	390	0.023	-	-				
	e	2	24	76	1000	0.039	-	-				
H, 36	a	14	170	60	560	0.027	-	-				
	b	2	24	78	1100	0040	-	-				
	c	2	24	62	610	0.029	-	-				
	d	6	71	58	500	0.026	-	-	0	0	2.0	2.0
	e	2	24	54	390	0023	-	-				
I, 36	a	8	94	78	1100	0.040	-	-				
	b	26	310	58	500	0026	-	-				
	c	8	94	88	1300	0047	-	-				
	d	4	47	68	780	0.033	-	-				
	e	14	170	60	560	0027	-	-	0	0	2.0	2.0
J, 36	a	10	120	68	780	0033	-	-	0.5	1.0	1.5	1.0
	b	4	47	76	1000	0039	-	-				
	c	6	71	46	170	0.017	-	-				
	d	2	24	52	340	0022	-	-				
	e	6	71	70	840	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEY(s) MB, BR, BZ, PF, & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	GAMMA (c)* mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
K,36	a	2	24	58	500	0.026	-	-				
	b	4	47	64	670	0.030	-	-				
	c	4	47	66	730	0.032	-	-				
	d	2	24	90	1400	0.049	-	-				
	e	4	47	82	1200	0043	-	-	0	0	2.5	3.0
L,36	a	4	47	76	1000	0039	-	-	1.0	2.0	0.5	0
	b	0	0	74	950	0.037	-	-				
	c	12	140	76	1000	0.039	-	-				
	d	4	47	72	890	0036	-	-				
	e	0	0	68	780	0.033	-	-				
M,36	a	2	24	72	890	0.036	-	-				
	b	2	24	68	780	0.033	-	-				
	c	6	71	70	840	0.034	-	-	0	0	3.0	4.0
	d	12	140	84	1200	0.044	-	-				
	e	10	120	84	1200	0044	-	-				
N,36	a	4	47	58	500	0026	-	-				
	b	12	140	76	1000	0.039	-	-				
	c	4	47	80	1100	0.042	-	-				
	d	2	24	58	500	0.026	-	-	0.5	1.0	0.5	0
	e	10	120	60	560	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR, & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	GAMMA (c)* mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R,36	a	6	71	56	450	0024	-	-				
	b	6	71	58	500	0.026	-	-	0.5	1.0	2.5	3.0
	c	6	71	58	500	0.026	-	-				
	d	4	47	46	170	0.017	-	-				
	e	2	24	44	110	0016	-	-				
S,36	a	4	47	60	560	0027	-	-				
	b	0	0	52	340	0.022	-	-				
	c	2	24	60	560	0.027	-	-				
	d	6	71	62	610	0.029	-	-	0.5	1.0	4.5	7.0
	e	4	47	62	610	0.029	-	-				
J,39	a	20	240	66	730	0.032	-	-				
	b	20	240	76	1000	0.039	-	-				
	c	16	190	76	1000	0.039	-	-				
	d	16	190	64	670	0.030	-	-				
	e	32	380	82	1200	0.043	-	-	6.5	18.0	11.0	19.0
K,39	a	2	24	54	390	0023	-	-	0	0	1.5	1.0
	b	6	71	68	780	0033	-	-				
	c	8	94	58	500	0026	-	-				
	d	4	47	72	890	0.036	-	-				
	e	10	120	66	730	0032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR, MB, BZ, CP, & PF DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,39	a	6	71	70	840	0.034	-	-				
	b	10	120	90	1400	0.049	-	-	0.5	1.0	2.5	3.0
	c	10	120	42	60	0.014	-	-				
	d	2	24	82	1200	0.043	-	-				
	e	16	190	58	500	0.026	-	-				
M,39	a	4	47	64	670	0.030	-	-				
	b	2	24	60	560	0.027	-	-				
	c	6	71	68	780	0.033	-	-	0.5	1.0	2.5	3.0
	d	6	71	74	950	0.037	-	-				
	e	2	24	52	340	0.022	-	-				
N,39	a	14	170	66	730	0.032	-	-				
	b	2	24	58	500	0.026	-	-				
	c	6	71	70	840	0.034	-	-	0	0	1.5	1.0
	d	6	71	84	1200	0.044	-	-				
	e	2	24	72	890	0.036	-	-				
R,39	a	4	47	56	450	0.024	-	-	0.5	1.0	2.0	2.0
	b	0	0	54	390	0.023	-	-				
	c	6	71	52	340	0.022	-	-				
	d	0	0	62	610	0.029	-	-				
	e	0	0	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, MB, & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-85/69 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S,39	a	0	0	44	110	0.016	-	-				
	b	6	71	66	730	0.032	-	-				
	c	4	47	48	220	0.019	-	-				
	d	6	71	68	780	0.033	-	-	0.5	1.0	4.0	6.0
	e	2	24	66	730	0.032	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) DATE

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
A,0	a	0	0	60	560	0.027	-	-				
	b	0	0	50	280	0.020	-	-				
	c	2	24	62	610	0.029	-	-	1.5	4.0	0	0
	d	2	24	58	500	0.026	-	-				
	e	0	0	38	0	0.013	-	-				
A,6	a	2	24	72	890	0.036	-	-				
	b	6	71	34	0	0.013	-	-	0.5	1.0	2.5	3.0
	c	6	71	50	280	0.020	-	-				
	d	4	47	36	0	0.013	-	-				
	e	0	0	44	110	0.016	-	-				
A,12	a	0	0	38	0	0.013	-	-				
	b	4	47	38	0	0.013	-	-				
	c	4	47	50	280	0.020	-	-				
	d	8	94	62	610	0.029	-	-	0	0	1.0	0
	e	4	47	68	780	0.033	-	-				
I,15	a	4	47	30	0	0.013	-	-				
	b	4	47	35	0	0.013	-	-				
	c	4	47	25	0	0.013	-	-				
	d	16	190	40	0	0.013	-	-	0	0	1.0	0
	e	4	47	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CP, AJB, RG DATE 6-2-83, 5-31-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
I,18	a	2	24	52	340	0.022	-	-				
	b	0	0	34	0	0.013	-	-				
	c	4	47	44	110	0.016	-	-				
	d	2	24	24	0	0.013	-	-				
	e	6	71	48	220	0.019	-	-	0	0	2.0	2.0
I,21	a	2	24	40	0	0.013	-	-	0	0	3.0	4.0
	b	4	47	30	0	0.013	-	-				
	c	2	24	30	0	0.013	-	-				
	d	4	47	20	0	0.013	-	-				
	e	4	47	20	0	0.013	-	-				
I,24	a	0	0	18	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-				
	c	2	24	44	110	0.016	-	-	0	0	0.5	0
	d	2	24	28	0	0.013	-	-				
	e	2	24	40	0	0.013	-	-				
I,24	a	8	94	40	0	0.013	-	-				
	b	4	47	40	0	0.013	-	-				
	c	2	24	20	0	0.013	-	-	0	0	1.5	1.0
	d	6	71	20	0	0.013	-	-				
	e	2	24	20	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,30	a	4	47	22	0	0.013	-	-				
	b	2	24	38	0	0.013	-	-				
	c	0	0	50	280	0.020	-	-				
	d	2	24	30	0	0.013	-	-				
	e	0	0	34	0	0.013	-	-	1.0	2.0	0	0
I,30	a	6	71	40	0	0.013	-	-	0	0	1.0	0
	b	0	0	20	0	0.013	-	-				
	c	4	47	10	0	0.013	-	-				
	d	4	47	30	0	0.013	-	-				
	e	4	47	40	0	0.013	-	-				
I,33	a	4	47	20	0	0.013	-	-				
	b	2	24	40	0	0.013	-	-				
	c	2	24	20	0	0.013	-	-				
	d	4	47	60	560	0.027	-	-	0.5	1.0	2.5	3.0
	e	2	24	40	0	0.013	-	-				
I,36	a	6	71	42	60	0.014	-	-	0	0	2.5	3.0
	b	2	24	48	220	0.019	-	-				
	c	0	0	20	0	0.013	-	-				
	d	4	47	34	0	0.013	-	-				
	e	2	24	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/n (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,39	a	2	24	20	0	0.013	-	-				
	b	2	24	38	0	0.013	-	-				
	c	4	47	30	0	0.013	-	-	0	0	2.0	2.0
	d	2	24	32	0	0.013	-	-				
	e	2	24	38	0	0.013	-	-				
J,39	a	12	140	30	0	0.013	-	-				
	b	12	140	40	0	0.013	-	-	0	0	4.5	7.0
	c	0	0	20	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	6	71	40	0	0.013	-	-				
J,42	a	6	71	36	0	0.013	-	-	0	0	2.5	3.0
	b	4	47	40	0	0.013	-	-				
	c	2	24	40	0	0.013	-	-				
	d	0	0	42	60	0.014	-	-				
	e	0	0	22	0	0.013	-	-				
B,0	a	6	71	60	560	0.027	-	-	0	0	2.0	2.0
	b	4	47	44	110	0.016	-	-				
	c	0	0	44	110	0.016	-	-				
	d	2	24	56	450	0.024	-	-				
	e	4	47	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
B,C	a	2	24	40	0	0.013	-	-				
	b	4	47	30	0	0.013	-	-				
	c	10	120	50	280	0.020	-	-	0.5	1.0	2.5	3.0
	d	4	47	60	560	0.027	-	-				
	e	4	47	90	1400	0.049	-	-				
D,C	a	0	0	44	110	0.016	-	-				
	b	8	94	44	110	0.016	-	-	0	0	3.0	4.0
	c	2	24	54	390	0.023	-	-				
	d	2	24	36	0	0.013	-	-				
	e	4	47	54	390	0.023	-	-				
F,O	a	8	94	42	60	0.014	-	-	0	0	2.5	3.0
	b	2	24	60	560	0.027	-	-				
	c	2	24	64	670	0.030	-	-				
	d	2	24	44	110	0.016	-	-				
	e	2	24	56	450	0.024	-	-				
E,O	a	4	47	50	280	0.020	-	-				
	b	4	47	40	0	0.013	-	-				
	c	0	0	50	280	0.020	-	-				
	d	6	71	40	0	0.013	-	-	0.5	1.0	3.0	4.0
	e	4	47	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
H,O	a	4	47	48	220	0.019	-	-				
	b	2	24	60	560	0.027	-	-				
	c	0	0	40	0	0.013	-	-				
	d	0	0	56	450	0.024	-	-				
	e	4	47	58	500	0.026	-	-	0	0	2.0	2.0
H,O	a	10	118	70	840	0.034	-	-	0	0	3.0	4.0
	b	10	118	40	0	0.013	-	-				
	c	4	47	50	280	0.020	-	-				
	d	6	71	40	0	0.013	-	-				
	e	4	47	40	0	0.013	-	-				
J,O	a	0	0	42	60	0.014	-	-				
	b	4	47	60	560	0.027	-	-				
	c	10	118	60	560	0.027	-	-				
	d	4	47	64	670	0.030	-	-				
	e	2	24	24	0	0.013	-	-	0	0	2.0	2.0
K,O	a	6	71	60	560	0.027	-	-				
	b	6	71	40	0	0.013	-	-				
	c	8	94	40	0	0.013	-	-	2.0	5.0	4.0	6.0
	d	0	0	60	560	0.027	-	-				
	e	4	47	50	280	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,0	a	0	0	44	110	0.016	-	-				
	b	6	71	66	730	0.032	-	-	0.5	1.0	2.0	20
	c	6	71	42	60	0.014	-	-				
	d	0	0	52	340	0.022	-	-				
	e	4	47	46	170	0.017	-	-				
N,0	a	2	24	64	670	0.030	-	-				
	b	2	24	56	450	0.024	-	-				
	c	8	94	60	560	0.027	-	-	1.5	4.0	1.0	0
	d	2	24	58	500	0.026	-	-				
	e	2	24	68	780	0.033	-	-				
N,0	a	4	47	60	560	0.027	-	-				
	b	8	94	50	280	0.020	-	-	0.5	1.0	1.5	1.0
	c	4	47	60	560	0.027	-	-				
	d	0	0	80	1100	0.042	-	-				
	e	4	47	60	560	0.027	-	-				
P,0	a	4	47	60	560	0.027	-	-				
	b	4	47	48	220	0.019	-	-				
	c	4	47	58	500	0.026	-	-				
	d	8	94	58	500	0.026	-	-	0	0	2.0	2.0
	e	2	24	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Q,0	a	4	47	10	0	0.013	-	-				
	b	0	0	20	0	0.013	-	-				
	c	2	24	60	560	0.027	-	-				
	d	6	71	40	0	0.013	-	-	0.5	1.0	1.0	0
	e	2	24	50	280	0.020	-	-				
R,0	a	0	0	58	500	0.026	-	-				
	b	4	47	38	0	0.013	-	-	0	0	2.5	3.0
	c	0	0	42	60	0.014	-	-				
	d	2	24	40	0	0.013	-	-				
	e	0	0	52	340	0.022	-	-				
T,0	a	8	94	56	450	0.024	-	-				
	b	4	47	38	0	0.013	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	40	0	0.013	-	-				
	e	10	120	40	0	0.013	-	-	1.0	2.0	2.5	3.0
T,0	a	4	47	50	280	0.020	-	-				
	b	6	71	40	0	0.013	-	-				
	c	2	24	40	0	0.013	-	-				
	d	4	47	60	560	0.027	-	-				
	e	6	71	60	560	0.027	-	-	0	0	2.0	2.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
B,15	a	2	24	42	60	0.014	-	-				
	b	2	24	38	0	0.013	-	-				
	c	2	24	28	0	0.013	-	-				
	d	6	71	30	0	0.013	-	-	0	0	3.0	4.0
	e	2	24	56	450	0.024	-	-				
C,15	a	2	24	50	280	0.020	-	-				
	b	2	24	38	0	0.013	-	-				
	c	2	24	42	60	0.014	-	-				
	d	4	47	48	220	0.019	-	-	0	0	1.0	0
	e	0	0	26	0	0.013	-	-				
D,15	a	4	47	46	170	0.017	-	-	0	0	3.0	4.0
	b	2	24	32	0	0.013	-	-				
	c	2	24	44	110	0.016	-	-				
	d	4	47	30	0	0.013	-	-				
	e	0	0	26	0	0.013	-	-				
F,15	a	0	0	26	0	0.013	-	-				
	b	4	47	38	0	0.013	-	-	0	0	1.0	0
	c	0	0	26	0	0.013	-	-				
	d	0	0	22	0	0.013	-	-				
	e	0	0	44	110	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
F,15	a	4	47	32	0	0.013	-	-				
	b	8	94	44	110	0.016	-	-	0	0	1.0	0
	c	4	47	22	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	4	47	44	110	0.016	-	-				
I,36	a	6	71	44	110	0.016	-	-	1.0	2.0	1.5	1.0
	b	4	47	48	220	0.019	-	-				
	c	0	0	42	60	0.014	-	-				
	d	2	24	32	0	0.013	-	-				
	e	2	24	28	0	0.013	-	-				
J,42	a	0	0	18	0	0.013	-	-				
	b	2	24	38	0	0.013	-	-	1.0	2.0	2.5	3.0
	c	0	0	38	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	42	60	0.014	-	-				
K,42	a	12	140	40	0	0.013	-	-	0.5	1.0	2.5	5.0
	b	4	47	40	0	0.013	-	-				
	c	8	94	20	0	0.013	-	-				
	d	4	47	10	0	0.013	-	-				
	e	6	71	20	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h).

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
L,42	a	2	24	30	0	0.013	-	-				
	b	0	0	40	0	0.013	-	-				
	c	2	24	30	0	0.013	-	-				
	d	6	71	40	0	0.013	-	-				
	e	8	94	40	0	0.013	-	-	0	0	3.5	5.0
L,42	a	6	71	44	110	0.016	-	-				
	b	0	0	38	0	0.013	-	-				
	c	4	47	38	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	2	24	34	0	0.013	-	-	0	0	5.0	7.0
N,42	a	2	24	30	0	0.013	-	-				
	b	2	24	40	0	0.013	-	-				
	c	6	71	40	0	0.013	-	-	0.5	1.0	1.0	0
	d	0	0	28	0	0.013	-	-				
	e	2	24	54	390	0.023	-	-				
O,42	a	2	24	30	0	0.013	-	-				
	b	2	24	20	0	0.013	-	-				
	c	2	24	20	0	0.013	-	-				
	d	6	71	40	0	0.013	-	-				
	e	4	47	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2 - 93

FACILITY ESG Phase I ROOM / AREA 115-85/69 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
P,42	a	8	94	34	0	0.013	-	-				
	b	8	94	36	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	24	54	390	0.023	-	-				
	e	8	94	38	0	0.013	-	-	1.0	2.0	3.5	5.0
P,42	a	2	24	40	0	0.013	-	-				
	b	6	71	20	0	0.013	-	-				
	c	10	120	40	0	0.013	-	-				
	d	2	24	40	0	0.013	-	-				
	e	10	120	40	0	0.013	-	-	0	0	4.5	7.0
Q,42	a	0	0	50	280	0.020	-	-				
	b	2	24	40	0	0.013	-	-				
	c	4	47	20	0	0.013	-	-				
	d	2	24	50	280	0.020	-	-	0	0	3.0	4.0
	e	2	24	40	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP, AJB, RG DATE 5-31 and 6-2 - 93

FACILITY ESG Phase I ROOM / AREA 115-85/69 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,0	a	6	71	42	60	0014	-	-				
	b	10	120	36	0	0013	-	-	0	0	1.5	1.0
	c	16	190	22	0	0013	-	-				
	d	20	240	42	60	0014	-	-				
	e	4	47	28	0	0013	-	-				
N,3	a	28	330	42	60	0014	-	-	0.5	1.0	5.0	7.0
	b	22	260	48	220	0019	-	-				
	c	16	190	34	0	0013	-	-				
	d	14	170	62	610	0029	-	-				
	e	18	210	24	0	0013	-	-				
Q,3	a	18	210	30	0	0013	-	-				
	b	10	120	38	0	0013	-	-				
	c	12	140	22	0	0013	-	-				
	d	10	120	56	450	0024	-	-				
	e	14	170	24	0	0013	-	-	0.5	1.0	2.5	3.0
D,9	a	16	190	26	0	0013	-	-				
	b	18	210	28	0	0013	-	-				
	c	16	190	44	110	0016	-	-				
	d	20	240	44	110	0016	-	-	0	0	1.5	1.0
	e	18	210	26	0	0013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AJB, RG, BZ DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,9	a	4	47	38	0	0013	-	-				
	b	22	260	26	0	0013	-	-	0	0	2.0	2.0
	c	14	170	30	0	0013	-	-				
	d	16	190	30	0	0013	-	-				
	e	6	71	44	110	0016	-	-				
J,12	a	24	280	34	0	0013	-	-				
	b	8	94	36	0	0013	-	-				
	c	10	120	40	0	0013	-	-				
	d	14	170	42	60	0014	-	-				
	e	14	170	22	0	0013	-	-	0	0	2.5	3.0
H,15	a	4	47	28	0	0013	-	-				
	b	10	120	50	280	0020	-	-	0	0	1.5	1.0
	c	4	47	32	0	0013	-	-				
	d	2	24	46	170	0017	-	-				
	e	0	0	46	170	0017	-	-				
0,15	a	2	24	38	0	0013	-	-				
	b	2	24	30	0	0013	-	-				
	c	2	24	22	0	0013	-	-				
	d	8	94	34	0	0013	-	-	0	0	1.5	1.0
	e	2	24	38	0	0013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AJB, RG, BZ DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Q,15	a	4	47	36	0	0.013	-	-				
	b	0	0	32	0	0.013	-	-				
	c	2	24	36	0	0.013	-	-	0	0	3.0	4.0
	d	0	0	50	280	0.020	-	-				
	e	8	94	36	0	0.013	-	-				
J,18	a	2	24	36	0	0.013	-	-				
	b	4	47	42	60	0.014	-	-	0	0	1.0	0
	c	2	24	34	0	0.013	-	-				
	d	10	120	26	0	0.013	-	-				
	e	6	71	48	220	0.019	-	-				
H,27	a	2	24	28	0	0.013	-	-				
	b	2	24	42	60	0.014	-	-				
	c	4	47	52	340	0.022	-	-				
	d	2	24	44	110	0.016	-	-				
	e	6	71	34	0	0.013	-	-	0	0	3.5	5.0
J,27	a	6	71	48	220	0.019	-	-				
	b	2	24	42	60	0.014	-	-				
	c	2	24	38	0	0.013	-	-				
	d	4	47	48	220	0.019	-	-				
	e	6	71	36	0	0.013	-	-	0	0	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, AB, RG DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
N,27	a	0	0	42	60	0.014	-	-				
	b	0	0	60	560	0.027	-	-				
	c	0	0	34	0	0.013	-	-				
	d	4	47	36	0	0.013	-	-	0	0	2.5	3.0
	e	0	0	38	0	0.013	-	-				
P,27	a	4	47	36	0	0.013	-	-				
	b	2	24	46	170	0.017	-	-				
	c	0	0	46	170	0.017	-	-				
	d	0	0	46	170	0.017	-	-	0	0	0.5	0
	e	0	0	36	0	0.013	-	-				
H,36	a	6	71	46	170	0.017	-	-	0	0	2.5	3.0
	b	4	47	34	0	0.013	-	-				
	c	2	24	46	170	0.017	-	-				
	d	2	24	42	60	0.014	-	-				
	e	4	47	30	0	0.013	-	-				
J,36	a	8	94	24	0	0.013	-	-	1.5	4.0	2.0	2.0
	b	4	47	32	0	0.013	-	-				
	c	4	47	52	340	0.022	-	-				
	d	6	71	36	0	0.013	-	-				
	e	4	47	28	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, AJR DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 115-85/69 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
N,36	a	2	24	48	220	0019	-	-				
	b	0	0	58	500	0026	-	-				
	c	4	47	64	670	0030	-	-				
	d	14	170	38	0	0013	-	-	0	0	1.0	0
	e	4	47	36	0	0013	-	-				
Q,36	a	2	24	32	0	0013	-	-				
	b	2	24	42	60	0014	-	-				
	c	0	0	32	0	0013	-	-				
	d	0	0	36	0	0013	-	-				
	e	4	47	24	0	0013	-	-	0	0	0.5	0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BZ, AJB DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 11N-96 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
D,-3	a	4	47	40	0	0.013	-	-				
	b	6	71	64	670	0.030	-	-				
	c	2	24	40	0	0.013	-	-				
	d	10	120	26	0	0.013	-	-	0	0	4.0	6.0
	e	4	47	34	0	0.013	-	-				
K,-6	a	6	71	52	340	0.022	-	-				
	b	2	24	54	390	0.023	-	-				
	c	6	71	64	670	0.030	-	-				
	d	8	94	52	340	0.022	-	-	0	0	1.5	1.0
	e	0	0	44	110	0.016	-	-				
K,-3	a	6	71	46	170	0.017	-	-				
	b	6	71	36	0	0.013	-	-	0	0	1.5	1.0
	c	0	0	48	220	0.019	-	-				
	d	0	0	30	0	0.013	-	-				
	e	2	24	46	170	0.017	-	-				
H,0	a	2	24	46	170	0.017	-	-				
	b	2	24	48	220	0.019	-	-				
	c	6	71	48	220	0.019	-	-	0	0	0	0
	d	0	0	34	0	0.013	-	-				
	e	6	71	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI.. (s) AJB, RG DATE 6-2-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
T,ϕ	a	4	47	70	840	0.034	-	-	0.5	1.0	2.0	2.0
	b	ϕ	0	62	600	0.029	-	-				
	c	ϕ	0	74	950	0.037	-	-				
	d	ϕ	0	52	340	0.022	-	-				
	e	6	71	64	670	0.030	-	-				
U,ϕ	a	4	47	84	1200	0.044	-	-				
	b	ϕ	.0	72	890	0.036	-	-	0	0	3.0	4.0
	c	4	47	70	840	0.034	-	-				
	d	2	24	72	890	0.036	-	-				
	e	4	47	84	1200	0.044	-	-				
V,ϕ	a	ϕ	0	80	1100	0.042	-	-				
	b	2	24	68	780	0.033	-	-				
	c	ϕ	0	68	780	0.033	-	-	0.5	1.0	3.5	5.0
	d	ϕ	0	62	600	0.029	-	-				
	e	ϕ	0	70	840	0.034	-	-				
W,ϕ	a	ϕ	0	64	670	0.030	-	-				
	b	4	47	60	560	0.027	-	-				
	c	6	71	62	600	0.029	-	-				
	d	2	24	54	450	0.023	-	-	0	0	2.5	3.0
	e	4	47	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI .(s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
X, ϕ	a	ϕ	0	64	670	0.030	-	-				
	b	ϕ	0	50	280	0.020	-	-				
	c	4	47	54	390	0.023	-	-				
	d	ϕ	0	66	730	0.032	-	-				
	e	ϕ	0	76	1000	0.039	-	-	0.5	1.0	2.0	2.0
Y, ϕ	a	ϕ	0	62	600	0.029	-	-	0	0	3.0	4.0
	b	ϕ	0	96	1600	0.053	-	-				
	c	4	47	80	1100	0.042	-	-				
	d	ϕ	0	60	560	0.027	-	-				
	e	ϕ	0	64	670	0.030	-	-				
Z, ϕ	a	ϕ	0	72	890	0.036	-	-				
	b	2	24	44	110	0.016	-	-	0	0	3.0	4.0
	c	6	71	76	1000	0.039	-	-				
	d	ϕ	0	54	390	0.023	-	-				
	e	ϕ	0	68	780	0.033	-	-				
AA, ϕ	a	2	24	62	600	0.029	-	-				
	b	ϕ	0	50	280	0.020	-	-				
	c	ϕ	0	84	1200	0.044	-	-	0	0	1.0	0
	d	2	24	74	950	0.037	-	-				
	e	6	71	72	890	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB, ϕ	a	2	24	58	500	0.026	-	-				
	b	ϕ	0	58	500	0.026	-	-				
	c	2	24	52	340	0.022	-	-				
	d	4	47	42	60	0.014	-	-	0.5	1.0	3.0	4.0
	e	ϕ	0	80	1100	0.042	-	-				
AC, ϕ	a	ϕ	0	88	1300	0.047	-	-				
	b	2	24	56	450	0.024	-	-				
	c	4	47	50	280	0.020	-	-				
	d	ϕ	0	52	340	0.022	-	-				
	e	ϕ	0	68	780	0.033	-	-	1.5	1.0	1.5	1.0
AD, ϕ	a	2	24	76	1000	0.039	-	-	0.5	1.0	1.5	1.0
	b	4	47	44	110	0.016	-	-				
	c	ϕ	0	62	600	0.029	-	-				
	d	2	24	62	600	0.029	-	-				
	e	ϕ	0	60	560	0.027	-	-				
AE, ϕ	a	4	47	68	780	0.033	-	-				
	b	2	24	72	890	0.036	-	-	0	0	3.0	4.0
	c	2	24	92	1500	0.050	-	-				
	d	2	24	64	670	0.030	-	-				
	e	4	47	68	780	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB, AB, BR, & RG DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
T, 3	a	Ø	0	80	1100	0.042	-	-				
	b	Ø	0	54	390	0.023	-	-				
	c	2	24	62	600	0.029	-	-	1.0	2.0	2.5	3.0
	d	6	71	56	450	0.024	-	-				
	e	4	47	64	670	0.030	-	-				
U, 3	a	Ø	0	56	450	0.024	-	-				
	b	5Ø	590	68	780	0.033	-	-	0	0	1.5	1.0
	c	6	71	78	1100	0.040	-	-				
	d	4	47	72	890	0.036	-	-				
	e	2	24	56	450	0.024	-	-				
V, 3	a	Ø	0	86	1300	0.046	-	-	0	0	1.5	1.0
	b	2	24	66	730	0.032	-	-				
	c	2	24	58	500	0.026	-	-				
	d	Ø	0	70	840	0.034	-	-				
	e	4	47	88	1300	0.047	-	-				
W, 3	a	2	24	88	1300	0.047	-	-				
	b	Ø	0	64	670	0.030	-	-				
	c	2	24	64	670	0.030	-	-				
	d	Ø	0	62	600	0.029	-	-				
	e	Ø	0	78	1100	0.040	-	-	0	0	1.5	1.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X, 3	a	Ø	0	56	450	0.024	-	-				
	b	2	24	74	950	0.037	-	-				
	c	2	24	52	340	0.022	-	-				
	d	6	71	72	890	0.036	-	-	0.5	1.0	3.0	4.0
	e	2	24	70	840	0.034	-	-				
Y, 3	a	Ø	0	86	1300	0.046	-	-				
	b	Ø	0	62	600	0.029	-	-				
	c	Ø	0	82	1200	0.043	-	-				
	d	2	24	70	840	0.034	-	-	0	0	5.5	6.0
	e	Ø	0	82	1200	0.043	-	-				
Z, 3	a	2	24	56	450	0.024	-	-				
	b	2	24	68	780	0.033	-	-	0	0	3.5	5.0
	c	Ø	0	68	780	0.033	-	-				
	d	4	47	70	840	0.034	-	-				
	e	Ø	0	80	1100	0.042	-	-				
AA, 3	a	2	24	64	670	0.030	-	-	0	0	5.0	7.0
	b	6	71	60	560	0.027	-	-				
	c	Ø	0	42	60	0.014	-	-				
	d	6	71	70	840	0.034	-	-				
	e	Ø	0	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB, 3	a	ϕ	0	46	170	0.017	-	-				
	b	ϕ	0	54	390	0.023	-	-				
	c	8	94	58	500	0.026	-	-				
	d	2	24	70	840	0.034	-	-				
	e	4	47	80	1100	0.042	-	-	0.5	1.0	2.0	2.0
AC, 3	a	6	71	40	0	0.013	-	-				
	b	2	24	78	1100	0.040	-	-				
	c	ϕ	0	88	1300	0.047	-	-				
	d	ϕ	0	70	840	0.034	-	-	0	0	4.0	6.0
	e	4	47	78	1100	0.040	-	-				
AD, 3	a	ϕ	0	62	610	0.029	-	-				
	b	ϕ	0	104	1800	0.059	-	-				
	c	ϕ	0	40	0	0.013	-	-	0.5	1.0	18.0	33.0
	d	2	24	74	950	0.037	-	-				
	e	2	24	62	610	0.029	-	-				
AE, 3	a	2	24	68	780	0.033	-	-				
	b	ϕ	0	82	1200	0.043	-	-	0	0	2.0	2.0
	c	ϕ	0	58	500	0.026	-	-				
	d	2	24	54	390	0.023	-	-				
	e	4	47	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S): MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
T, 6	a	4	47	68	790	0.033	-	-				
	b	2	24	58	500	0.026	-	-	0	0	3.0	4.0
	c	2	24	50	280	0.020	-	-				
	d	2	24	68	780	0.033	-	-				
	e	2	24	72	890	0.036	-	-				
U, 6	a	8	94	58	500	0.026	-	-				
	b	ϕ	0	50	280	0.020	-	-				
	c	2	24	74	950	0.037	-	-	0	0	1.5	1.0
	d	6	71	60	560	0.027	-	-				
	e	ϕ	0	64	670	0.030	-	-				
V, 6	a	ϕ	0	64	670	0.030	-	-				
	b	4	47	72	890	0.036	-	-				
	c	2	24	82	1200	0.043	-	-				
	d	ϕ	0	66	730	0.032	-	-	0	0	2.0	2.0
	e	2	24	44	1100	0.016	-	-				
W, 6	a	2	24	52	340	0.022	-	-				
	b	6	71	64	670	0.030	-	-				
	c	2	24	58	500	0.026	-	-				
	d	ϕ	0	58	500	0.026	-	-				
	e	2	24	64	670	0.030	-	-	1.0	2.0	2.5	3.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S): MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
X, 6	a	2	24	72	890	0.036	-	-	1.0	2.0	2.5	3.0
	b	2	24	64	670	0.030	-	-				
	c	2	24	52	340	0.022	-	-				
	d	4	47	70	840	0.034	-	-				
	e	0	0	54	390	0.023	-	-				
Y, 6	a	2	24	68	780	0.033	-	-				
	b	2	24	82	1200	0.043	-	-	0	0	2.0	2.0
	c	0	0	66	730	0.032	-	-				
	d	0	0	56	450	0.024	-	-				
	e	0	0	56	450	0.024	-	-				
Z, 6	a	8	94	60	560	0.027	-	-				
	b	2	24	48	220	0.019	-	-				
	c	4	47	58	500	0.026	-	-	1.0	2.0	3.0	4.0
	d	2	24	62	610	0.029	-	-				
	e	4	47	64	670	0.030	-	-				
AA, 6	a	2	24	66	730	0.032	-	-				
	b	4	47	80	1100	0.042	-	-				
	c	0	0	64	670	0.030	-	-				
	d	8	94	48	220	0.019	-	-	0	0	3.5	5.0
	e	0	0	48	220	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) _____ DATE _____

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB, 6	a	0	0	70	840	0.034	-	-				
	b	2	24	58	500	0.026	-	-				
	c	0	0	68	780	0.033	-	-				
	d	0	0	56	450	0.024	-	-				
	e	0	0	68	780	0.033	-	-	1.0	2.0	1.0	0
AC, 6	a	2	24	78	1100	0.040	-	-	0	0	0.5	0
	b	4	47	48	220	0.019	-	-				
	c	2	24	70	840	0.034	-	-				
	d	0	0	46	170	0.017	-	-				
	e	2	24	68	780	0.033	-	-				
AD, 6	a	2	24	56	450	0.024	-	-				
	b	4	47	48	220	0.019	-	-	0.5	1.0	4.5	7.0
	c	0	0	50	280	0.020	-	-				
	d	2	24	78	1100	0.040	-	-				
	e	4	47	76	1000	0.039	-	-				
AE, 6	a	2	24	78	1100	0.040	-	-				
	b	2	24	62	610	0.029	-	-				
	c	0	0	30	0	0.013	-	-	0	0	2.0	2.0
	d	2	24	50	280	0.020	-	-				
	e	4	47	76	1000	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB & BR DATE _____

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AF,6	a	2	24	50	280	0.020	-	-				
	b	2	24	40	0	0.013	-	-				
	c	0	0	52	340	0.022	-	-				
	d	6	71	58	500	0.026	-	-				
	e	0	0	68	780	0.033	-	-				
AG,6	a	2	24	60	560	0.027	-	-				
	b	2	24	68	780	0.033	-	-				
	c	2	24	78	1100	0.040	-	-				
	d	10	120	74	950	0.037	-	-				
	e	8	94	78	1100	0.040	-	-				
T,9	a	4	47	70	840	0.034	-	-				
	b	4	47	74	950	0.037	-	-				
	c	2	24	80	1100	0.042	-	-				
	d	2	24	58	500	0.026	-	-				
	e	6	71	62	610	0.029	-	-	0	0	2.5	3.0
U,9	a	2	24	80	1100	0.042	-	-				
	b	0	0	74	950	0.037	-	-				
	c	0	0	58	500	0.026	-	-	0	0	2.0	2.0
	d	10	120	60	560	0.027	-	-				
	e	0	0	48	220	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V,9	a	4	47	70	840	0.034	-	-				
	b	4	47	66	730	0.032	-	-	0	0	2.0	2.0
	c	2	24	62	610	0.029	-	-				
	d	2	24	56	450	0.024	-	-				
	e	0	0	58	500	0.026	-	-				
W,9	a	2	24	84	1200	0.044	-	-	0	0	4.5	7.0
	b	0	0	64	670	0.030	-	-				
	c	2	24	64	670	0.030	-	-				
	d	2	24	52	340	0.022	-	-				
	e	2	24	70	840	0.034	-	-				
X,9	a	0	0	54	390	0.023	-	-				
	b	2	24	72	890	0.036	-	-				
	c	2	24	54	390	0.023	-	-				
	d	2	24	50	280	0.020	-	-				
	e	4	47	50	280	0.020	-	-	0	0	2.0	2.0
Y,9	a	2	24	70	840	0.034	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	62	610	0.029	-	-				
	d	0	0	50	280	0.020	-	-	0	0	2.5	3.0
	e	2	24	70	840	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z,9	a	ϕ	0	50	280	0.020	-	-				
	b	ϕ	0	68	780	0.033	-	-				
	c	ϕ	0	60	560	0027	-	-	0	0	1.5	1.0
	d	6	71	54	390	0.023	-	-				
	e	2	24	66	730	0.032	-	-				
AA,9	a	4	47	64	670	0.030	-	-				
	b	2	24	62	610	0.029	-	-	0	0	2.5	3.0
	c	4	47	32	0	0.013	-	-				
	d	8	94	80	1100	0.042	-	-				
	e	ϕ	0	66	730	0.032	-	-				
AB,9	a	2	24	32	0	0.013	-	-	0	0	4.5	7.0
	b	ϕ	0	54	390	0.023	-	-				
	c	4	47	66	730	0.032	-	-				
	d	ϕ	0	56	450	0.024	-	-				
	e	2	24	62	610	0.029	-	-				
AC,9	a	2	24	56	450	0.024	-	-				
	b	2	24	74	950	0.037	-	-				
	c	2	24	54	390	0.023	-	-				
	d	2	24	62	610	0.029	-	-				
	e	ϕ	0	56	450	0.024	-	-	0	0	2.0	2.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,9	a	2	24	56	450	0.024	-	-				
	b	2	24	52	340	0.022	-	-				
	c	2	24	50	280	0.020	-	-				
	d	ϕ	0	22	0	0.013	-	-	0	0	1.0	0
	e	2	24	66	730	0.030	-	-				
AE,9	a	4	47	70	840	0.034	-	-				
	b	ϕ	0	56	450	0.024	-	-				
	c	2	24	42	60	0.014	-	-	0	0	3.5	5.0
	d	14	170	70	840	0.034	-	-				
	e	2	24	54	390	0.023	-	-				
T,12	a	ϕ	0	62	610	0.029	-	-				
	b	ϕ	0	64	670	0.030	-	-	0	0	2.0	2.0
	c	ϕ	0	86	1300	0.046	-	-				
	d	ϕ	0	46	170	0.017	-	-				
	e	4	47	56	450	0.024	-	-				
U,12	a	2	24	58	500	0.026	-	-				
	b	2	24	68	780	0.033	-	-	0	0	1.0	0
	c	2	24	56	450	0.024	-	-				
	d	4	47	66	730	0.032	-	-				
	e	ϕ	0	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
V, 12	a	2	24	62	610	0.029	-	-				
	b	4	47	78	1100	0.040	-	-				
	c	2	24	72	890	0.036	-	-	0.5	1.0	3.0	4.0
	d	4	47	44	110	0016	-	-				
	e	2	24	56	450	0.024	-	-				
W, 12	a	ϕ	0	64	670	0.030	-	-				
	b	4	47	68	780	0.033	-	-				
	c	ϕ	0	56	450	0024	-	-				
	d	2	24	62	610	0.029	-	-	0.5	1.0	3.0	4.0
	e	4	47	52	340	0022	-	-				
X, 12	a	ϕ	0	54	390	0023	-	-				
	b	4	47	60	560	0027	-	-				
	c	2	24	56	450	0024	-	-				
	d	6	71	58	500	0026	-	-				
	e	ϕ	0	84	1200	0044	-	-	0.5	1.0	3.5	5.0
Y, 12	a	4	47	64	670	0030	-	-	0	0	1.5	1.0
	b	6	71	72	890	0036	-	-				
	c	ϕ	0	84	1200	0044	-	-				
	d	4	47	74	950	0057	-	-				
	e	2	24	42	60	0014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z, 12	a	4	47	70	840	0034	-	-				
	b	ϕ	0	76	1000	0039	-	-	0	0	3.0	4.0
	c	ϕ	0	68	780	0033	-	-				
	d	2	24	46	170	0017	-	-				
	e	ϕ	0	82	1200	0043	-	-				
AA, 12	a	ϕ	0	80	1100	0042	-	-				
	b	ϕ	0	42	60	0014	-	-				
	c	2	24	54	390	0023	-	-	0	0	2.0	2.0
	d	2	24	46	170	0017	-	-				
	e	2	24	72	890	0036	-	-				
AB, 12	a	ϕ	0	54	390	0023	-	-				
	b	2	24	60	560	0027	-	-				
	c	4	47	76	1000	0039	-	-				
	d	2	24	64	670	0.030	-	-	0	0	3.5	5.0
	e	2	24	46	170	0017	-	-				
AC, 12	a	2	24	76	1000	0039	-	-				
	b	0	0	46	170	0017	-	-				
	c	2	24	78	1100	0040	-	-				
	d	2	24	48	220	0019	-	-				
	e	2	24	56	450	0024	-	-	0	0	3.0	4.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD, 12	a	ϕ	0	88	1300	0.047	-	-	0	0	0.5	0
	b	2	24	76	1000	0.039	-	-				
	c	4	47	50	280	0.020	-	-				
	d	ϕ	0	48	220	0.019	-	-				
	e	2	24	62	610	0.029	-	-				
AE, 12	a	2	24	62	610	0.029	-	-				
	b	2	24	66	730	0.032	-	-	0	0	2.5	3.0
	c	2	24	84	1200	0.044	-	-				
	d	2	24	64	670	0.030	-	-				
	e	2	24	70	840	0.034	-	-				
T, 15	a	0	0	50	280	0.020	-	-				
	b	0	0	64	670	0.030	-	-				
	c	0	0	46	170	0.017	-	-	0.5	1.0	4.0	6.0
	d	4	47	60	560	0.027	-	-				
	e	2	24	90	1400	0.049	-	-				
U, 15	a	ϕ	0	60	560	0.027	-	-				
	b	2	24	62	610	0.029	-	-	0	0	2.0	2.0
	c	2	24	56	450	0.024	-	-				
	d	2	24	60	560	0.027	-	-				
	e	ϕ	0	82	1200	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI .(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
V, 15	a	2	24	82	1200	0.043	-	-	0	0	4.0	6.0
	b	2	24	58	500	0.026	-	-				
	c	2	24	76	1000	0.039	-	-				
	d	2	24	70	840	0.034	-	-				
	e	ϕ	0	40	0	0.013	-	-				
W, 15	a	2	24	64	670	0.030	-	-				
	b	ϕ	0	86	1300	0.046	-	-				
	c	2	24	84	1200	0.044	-	-				
	d	8	94	46	170	0.017	-	-				
	e	4	47	56	450	0.024	-	-	0	0	2.5	3.0
X, 15	a	ϕ	0	90	1400	0.049	-	-				
	b	ϕ	0	70	840	0.034	-	-				
	c	ϕ	0	90	1400	0.049	-	-				
	d	2	24	68	780	0.033	-	-	0	0	3.5	5.0
	e	2	24	56	450	0.024	-	-				
Y, 15	a	ϕ	0	76	1000	0.039	-	-				
	b	ϕ	0	72	890	0.036	-	-				
	c	ϕ	0	44	110	0.016	-	-	0	0	4.5	7.0
	d	ϕ	0	52	340	0.022	-	-				
	e	8	94	48	220	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVI .(s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESC Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z, 15	a	0	0	64	670	0.030	-	-				
	b	2	24	68	780	0.033	-	-	0.5	1.0	1.0	0
	c	2	24	68	780	0.033	-	-				
	d	4	47	44	110	0.016	-	-				
	e	6	71	52	340	0.022	-	-				
AA, 15	a	0	0	76	1000	0.039	-	-	0.5	1.0	3.5	5.0
	b	2	24	66	730	0.032	-	-				
	c	2	24	60	560	0.027	-	-				
	d	2	24	68	780	0.033	-	-				
	e	2	24	82	1200	0.043	-	-				
AB, 15	a	0	0	74	950	0.037	-	-				
	b	4	47	80	1100	0.042	-	-				
	c	2	24	66	730	0.032	-	-				
	d	6	71	76	1000	0.039	-	-				
	e	0	0	60	560	0.027	-	-	0	0	1.5	1.0
AC, 15	a	0	0	76	1000	0.039	-	-				
	b	0	0	80	1100	0.042	-	-				
	c	0	0	58	500	0.026	-	-				
	d	2	24	64	670	0.030	-	-	0	0	2.5	3.0
	e	4	47	78	1100	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESC Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD, 15	a	0	0	66	730	0.032	-	-				
	b	6	71	50	280	0.020	-	-				
	c	4	47	36	0	0.013	-	-	0.5	1.0	3.5	5.0
	d	6	71	52	340	0.022	-	-				
	e	0	0	70	840	0.034	-	-				
AE, 15	a	2	24	68	780	0.033	-	-				
	b	2	24	62	610	0.029	-	-	0	0	1.5	1.0
	c	0	0	70	840	0.034	-	-				
	d	4	47	54	390	0.023	-	-				
	e	2	24	60	560	0.027	-	-				
T, 18	a	4	47	58	500	0.026	-	-				
	b	2	24	70	840	0.034	-	-				
	c	2	24	46	170	0.017	-	-				
	d	10	120	62	610	0.029	-	-				
	e	2	24	54	390	0.023	-	-	0	0	2.5	3.0
U, 18	a	2	24	64	670	0.030	-	-	0	0	0.5	0
	b	6	71	60	560	0.027	-	-				
	c	2	24	72	890	0.036	-	-				
	d	4	47	46	170	0.017	-	-				
	e	2	24	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
V, 18	a	ϕ	0	50	280	0.020	-	-				
	b	ϕ	0	38	0	0.013	-	-	0	0	2.0	2.0
	c	2	24	80	1100	0.042	-	-				
	d	2	24	74	950	0.037	-	-				
	e	8	94	68	780	0.033	-	-				
W, 18	a	2	24	58	500	0.026	-	-				
	b	4	47	62	610	0.029	-	-				
	c	2	24	82	1200	0.043	-	-	0	0	1.5	1.0
	d	2	24	76	1000	0.039	-	-				
	e	ϕ	0	84	1200	0.044	-	-				
X, 18	a	4	47	68	780	0.033	-	-				
	b	2	24	70	840	0.034	-	-				
	c	2	24	70	840	0.034	-	-				
	d	4	47	56	450	0.024	-	-	0	0	3.0	4.0
	e	2	24	64	670	0.030	-	-				
Y, 18	a	2	24	88	1300	0.047	-	-				
	b	6	71	64	670	0.030	-	-				
	c	4	47	62	610	0.029	-	-				
	d	12	140	60	560	0.027	-	-				
	e	2	24	66	730	0.032	-	-	0	0	2.5	3.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL (s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z, 18	a	ϕ	0	56	450	0.024	-	-	0.5	1.0	3.5	5.0
	b	2	24	62	610	0.029	-	-				
	c	8	94	54	1500	0.023	-	-				
	d	2	24	76	1000	0.039	-	-				
	e	2	24	64	670	0.030	-	-				
AA, 18	a	2	24	68	780	0.033	-	-				
	b	ϕ	0	72	890	0.036	-	-	0	0	2.0	2.0
	c	2	24	80	1100	0.042	-	-				
	d	2	24	80	1100	0.042	-	-				
	e	4	47	56	450	0.024	-	-				
AB, 18	a	8	94	48	220	0.019	-	-				
	b	4	47	68	780	0.033	-	-				
	c	6	71	64	670	0.030	-	-	0.5	1.0	1.0	0
	d	ϕ	0	70	940	0.034	-	-				
	e	ϕ	0	80	1100	0.042	-	-				
AC, 18	a	4	47	72	890	0.036	-	-				
	b	4	47	62	610	0.029	-	-				
	c	ϕ	0	52	340	0.022	-	-				
	d	ϕ	0	48	220	0.019	-	-	0.5	1.0	1.5	1.0
	e	ϕ	0	64	670	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL (s) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-7Φ/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD, 18	a	2	24	74	950	0.037	-	-				
	b	2	24	96	1600	0.053	-	-				
	c	Φ	0	68	780	0.033	-	-				
	d	Φ	0	72	890	0.036	-	-				
	e	6	71	82	1200	0.043	-	-	0	0	1.0	0
AE, 18	a	8	94	68	780	0.033	-	-	0	0	5.5	8.0
	b	Φ	0	52	340	0.022	-	-				
	c	Φ	0	6Φ	560	0.027	-	-				
	d	8	94	74	950	0.037	-	-				
	e	2	24	7Φ	840	0.034	-	-				
T, 21	a	Φ	0	76	1000	0.039	-	-				
	b	Φ	0	76	1000	0.039	-	-	0	0	2.0	2.0
	c	Φ	0	6Φ	560	0.027	-	-				
	d	2	24	4Φ	0	0.013	-	-				
	e	2	24	54	390	0.023	-	-				
U, 21	a	4	47	58	500	0.026	-	-	0	0	3.0	4.0
	b	4	47	56	450	0.024	-	-				
	c	4	47	66	730	0.032	-	-				
	d	8	94	54	390	0.023	-	-				
	e	Φ	0	56	450	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-7Φ/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V, 21	a	2	24	62	610	0.029	-	-				
	b	Φ	0	78	1100	0.040	-	-				
	c	2	24	54	390	0.023	-	-				
	d	Φ	0	74	950	0.037	-	-				
	e	4	47	56	450	0.024	-	-	1.0	2.0	1.5	1.0
W, 21	a	Φ	0	72	890	0.036	-	-				
	b	2	24	7Φ	840	0.034	-	-				
	c	2	24	88	1300	0.047	-	-				
	d	6	71	68	780	0.033	-	-	0.5	1.0	4.0	6.0
	e	2	21	5Φ	280	0.020	-	-				
X, 21	a	4	47	48	220	0.019	-	-				
	b	Φ	0	58	500	0.026	-	-				
	c	Φ	0	58	500	0.026	-	-	0	0	3.0	4.0
	d	4	47	58	500	0.026	-	-				
	e	Φ	0	64	670	0.030	-	-				
Y, 21	a	6	71	68	780	0.033	-	-	0	0	1.5	1.0
	b	6	71	72	890	0.036	-	-				
	c	2	24	68	780	0.033	-	-				
	d	4	47	5Φ	280	0.020	-	-				
	e	Φ	0	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB & BR DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,21	a	2	24	58	500	0.026	-	-				
	b	ϕ	0	70	840	0.034	-	-				
	c	4	47	58	500	0.026	-	-				
	d	6	71	76	1000	0.039	-	-				
	e	ϕ	0	40	0	0.013	-	-	0.5	1.0	2.0	2.0
AA,21	a	4	47	68	780	0.033	-	-				
	b	2	24	64	670	0.030	-	-				
	c	4	47	60	560	0.027	-	-				
	d	4	47	66	730	0.032	-	-	0	0	2.0	2.0
	e	2	24	68	780	0.033	-	-				
AB,21	a	2	24	76	1000	0.039	-	-				
	b	2	24	66	730	0.032	-	-				
	c	4	47	76	1000	0.039	-	-	0.5	1.0	3.5	5.0
	d	ϕ	0	64	670	0.030	-	-				
	e	6	71	78	1100	0.040	-	-				
AC,21	a	ϕ	0	66	730	0.032	-	-				
	b	ϕ	0	54	390	0.023	-	-	0.5	1.0	1.5	1.0
	c	ϕ	0	62	610	0.029	-	-				
	d	4	47	66	730	0.032	-	-				
	e	6	71	66	730	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL.(s) BR & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD,21	a	ϕ	0	52	340	0.022	-	-	1.0	2.0	4.5	7.0
	b	4	47	60	560	0.027	-	-				
	c	ϕ	0	68	780	0.033	-	-				
	d	4	47	92	1500	0.050	-	-				
	e	ϕ	0	74	950	0.037	-	-				
AE,21	a	2	24	48	220	0.019	-	-				
	b	2	24	86	1300	0.046	-	-	0	0	1.5	1.0
	c	6	71	54	390	0.023	-	-				
	d	2	24	72	890	0.036	-	-				
	e	ϕ	0	54	390	0.023	-	-				
T,24	a	4	47	58	500	0.026	-	-	0	0	2.5	3.0
	b	2	24	60	560	0.027	-	-				
	c	ϕ	0	72	890	0.036	-	-				
	d	ϕ	0	64	670	0.030	-	-				
	e	ϕ	0	50	280	0.020	-	-				
U,24	a	ϕ	0	64	670	0.030	-	-				
	b	2	24	66	730	0.032	-	-	0	0	3.0	4.0
	c	ϕ	0	58	500	0.026	-	-				
	d	2	24	50	280	0.020	-	-				
	e	2	24	54	390	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVL.(s) BR, MB, & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V,24	a	0	0	82	1200	0.043	-	-				
	b	2	24	66	730	0.032	-	-				
	c	0	0	60	560	0027	-	-				
	d	2	24	76	1000	0039	-	-	0	0	2.5	3.0
	e	0	0	64	670	0030	-	-				
W,24	a	0	0	52	340	0022	-	-				
	b	2	24	50	280	0020	-	-				
	c	2	24	60	560	0027	-	-	0	0	1.5	1.0
	d	0	0	84	1200	0044	-	-				
	e	0	0	64	670	0030	-	-				
X,24	a	0	0	44	110	0016	-	-				
	b	8	94	66	730	0032	-	-	0.5	1.0	2.5	3.0
	c	4	47	70	840	0034	-	-				
	d	0	0	58	500	0026	-	-				
	e	0	0	72	890	0036	-	-				
Y,24	a	2	24	56	450	0024	-	-				
	b	6	71	38	0	0013	-	-				
	c	0	0	70	840	0034	-	-				
	d	2	24	64	670	0030	-	-				
	e	2	24	68	780	0033	-	-	0	0	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) CP & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,24	a	0	0	66	730	0032	-	-				
	b	2	24	66	730	0032	-	-				
	c	2	24	74	950	0037	-	-				
	d	2	24	76	1000	0039	-	-	0	0	2.0	2.0
	e	0	0	48	220	0019	-	-				
AA,24	a	2	24	44	110	0016	-	-				
	b	0	0	62	610	0029	-	-				
	c	2	24	70	940	0034	-	-	0	0	3.0	4.0
	d	2	24	60	560	0027	-	-				
	e	0	0	66	730	0032	-	-				
AB,24	a	0	0	72	990	0036	-	-				
	b	4	47	48	220	0019	-	-				
	c	2	24	74	950	0037	-	-				
	d	8	94	64	670	0030	-	-	0.5	1.0	3.5	5.0
	e	2	24	84	1200	0044	-	-				
AC,24	a	2	24	60	560	0027	-	-				
	b	0	0	44	110	0016	-	-				
	c	2	24	74	950	0037	-	-	0	0	3.5	5.0
	d	0	0	84	1200	0044	-	-				
	e	2	24	60	560	0027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) MB & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD,24	a	0	0	70	840	0.034	-	-				
	b	4	47	64	670	0.030	-	-				
	c	4	47	84	1200	0044	-	-	0	0	2.5	3.0
	d	2	24	80	1100	0042	-	-				
	e	2	24	56	450	0024	-	-				
AE,24	a	2	24	58	500	0.026	-	-				
	b	0	0	90	1400	0.049	-	-				
	c	4	47	58	500	0.026	-	-				
	d	6	71	76	1000	0039	-	-	0.5	1.0	1.5	1.0
	e	0	0	66	730	0.032	-	-				
T,27	a	2	24	78	1100	0.040	-	-				
	b	2	24	66	730	0.032	-	-				
	c	4	47	68	780	0.033	-	-				
	d	2	24	90	1400	0049	-	-	0	0	2.0	2.0
	e	0	0	70	840	0034	-	-				
U,27	a	4	47	64	670	0030	-	-				
	b	4	47	72	890	0036	-	-	0	0	2.0	2.0
	c	2	24	74	950	0037	-	-				
	d	4	47	70	840	0034	-	-				
	e	2	24	66	730	0032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CP & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V,27	a	2	24	72	890	0036	-	-				
	b	2	24	62	610	0029	-	-				
	c	0	0	56	450	0024	-	-				
	d	0	0	84	1200	0044	-	-	0	0	1.5	1.0
	e	0	0	66	730	0032	-	-				
W,27	a	6	71	86	1300	0046	-	-	0	0	1.5	1.0
	b	2	24	68	780	0033	-	-				
	c	6	71	58	500	0026	-	-				
	d	2	24	72	890	0036	-	-				
	e	4	47	68	780	0033	-	-				
X,27	a	2	24	56	450	0024	-	-				
	b	2	24	54	390	0023	-	-				
	c	0	0	56	450	0024	-	-				
	d	0	0	78	1100	0040	-	-				
	e	0	0	72	890	0036	-	-	0	0	4.5	7.0
Y,27	a	4	47	60	560	0027	-	-				
	b	2	24	70	840	0034	-	-				
	c	6	71	58	500	0026	-	-				
	d	6	71	66	730	0032	-	-	0.5	1.0	2.5	3.0
	e	2	24	68	780	0033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,27	a	2	24	86	1300	0.046	-	-				
	b	6	71	72	890	0.036	-	-	0	0	1.5	1.0
	c	4	47	82	1200	0.043	-	-				
	d	0	0	66	730	0.032	-	-				
	e	0	0	58	500	0.026	-	-				
AA,27	a	2	24	94	1500	0.052	-	-	0	0	3.0	4.0
	b	0	0	82	1200	0.043	-	-				
	c	2	24	84	1200	0.044	-	-				
	d	2	24	60	560	0.027	-	-				
	e	2	24	72	890	0.036	-	-				
AB,27	a	4	47	70	840	0.034	-	-	2.0	5.0	3.5	5.0
	b	2	24	48	220	0.019	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	76	1000	0.039	-	-				
	e	2	24	76	1000	0.039	-	-				
AC,27	a	2	24	70	840	0.034	-	-	0	0	1.5	1.0
	b	0	0	66	730	0.032	-	-				
	c	0	0	58	500	0.026	-	-				
	d	0	0	62	600	0.029	-	-				
	e	0	0	74	950	0.037	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEY(s) CP & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* uR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD,27	a	4	47	76	1000	0.039	-	-				
	b	0	0	66	730	0.032	-	-				
	c	0	0	86	1300	0.046	-	-				
	d	6	71	66	730	0.032	-	-	0	0	3.0	4.0
	e	4	47	26	0	0.013	-	-				
AE,27	a	6	71	68	780	0.033	-	-	0	0	2.5	3.0
	b	4	47	72	890	0.036	-	-				
	c	2	24	62	610	0.029	-	-				
	d	0	0	54	390	0.023	-	-				
	e	2	24	60	560	0.027	-	-				
T,30	a	10	130 TNTC	58	500	0.026	-	-	0	0	2.0	2.0
	b	0	0	68	780	0.033	-	-				
	c	2	24	58	500	0.026	-	-				
	d	0	0	76	1000	0.039	-	-				
	e	0	0	70	840	0.034	-	-				
U, 30	a	2	24	68	780	0.033	-	-				
	b	2	24	76	1000	0.039	-	-	0.5	1.0	2.5	3.0
	c	2	24	62	610	0.029	-	-				
	d	2	24	74	950	0.037	-	-				
	e	2	24	70	840	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEY(s) MB & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V, 3Ø	a	Ø	0	62	610	0029	-	-				
	b	4	47	5Ø	280	0020	-	-				
	c	Ø	0	64	670	0030	-	-				
	d	1Ø	120	46	170	0017	-	-	0	0	1.5	1.0
	e	2	24	66	730	0032	-	-				
W, 3Ø	a	2	24	62	610	0029	-	-				
	b	4	47	56	450	0024	-	-	0	0	2.0	2.0
	c	Ø	0	76	1000	0039	-	-				
	d	Ø	0	68	780	0033	-	-				
	e	2	24	66	730	0032	-	-				
X, 3Ø	a	4	47	62	610	0029	-	-				
	b	2	24	58	500	0026	-	-				
	c	2	24	64	670	0030	-	-				
	d	6	71	58	500	0026	-	-	0	0	3.5	5.0
	e	4	47	6Ø	560	0027	-	-				
Y, 3Ø	a	Ø	0	56	450	0024	-	-				
	b	4	47	1Ø6	1800	0060	-	-	0	0	1.5	1.0
	c	4	47	54	340	0023	-	-				
	d	8	94	64	670	0030	-	-				
	e	2	24	84	1200	0044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

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SURVEY (s) CP & MB DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z, 3Ø	a	2	24	62	610	0029	-	-				
	b	2	24	72	890	0036	-	-				
	c	4	47	76	1000	0039	-	-	0	0	1.5	1.0
	d	2	24	7Ø	840	0034	-	-				
	e	2	24	52	340	0022	-	-				
AA, 3Ø	a	2	24	52	340	0022	-	-				
	b	4	47	46	170	0017	-	-				
	c	Ø	0	78	1100	0040	-	-	0	0	2.5	3.0
	d	2	24	64	670	0030	-	-				
	e	2	24	58	500	0026	-	-				
AB, 3Ø	a	4	47	68	780	0033	-	-				
	b	2	24	76	1000	0039	-	-				
	c	Ø	0	72	890	0036	-	-				
	d	2	24	58	500	0026	-	-				
	e	4	47	72	890	0036	-	-	0	0	2.5	3.0
AC, 3Ø	a	Ø	0	56	450	0024	-	-				
	b	Ø	0	6Ø	560	0027	-	-				
	c	6	71	7Ø	840	0034	-	-	0	0	3.0	4.0
	d	Ø	0	68	780	0033	-	-				
	e	Ø	0	76	1000	0039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

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SURVEY (s) MB & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
T, 33	a	6	71	60	560	0027	-	-	0.5	1.0	1.5	1.0
	b	2	24	68	780	0033	-	-				
	c	ϕ	0	56	450	0024	-	-				
	d	2	24	62	610	0029	-	-				
	e	ϕ	0	38	0	0013	-	-				
U, 33	a	2	24	80	1100	0042	-	-	0	0	1.5	1.0
	b	ϕ	0	78	1100	0040	-	-				
	c	2	24	64	670	0030	-	-				
	d	2	24	68	780	0033	-	-				
	e	4	47	62	610	0029	-	-				
V, 33	a	2	24	82	1200	0043	-	-				
	b	ϕ	0	42	60	0014	-	-				
	c	8	94	74	950	0037	-	-	0.5	1.0	4.5	7.0
	d	4	47	52	340	0022	-	-				
	e	2	24	74	950	0037	-	-				
W, 33	a	4	47	76	1000	0039	-	-				
	b	4	47	64	670	0030	-	-				
	c	4	47	68	780	0033	-	-				
	d	8	94	52	340	0022	-	-				
	e	6	71	84	1200	0044	-	-	0	0	3.5	5.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

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SURVEY(s) CP & MB DATE

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
X, 33	a	4	47	74	950	0037	-	-	0	0	3.0	4.0
	b	ϕ	0	80	1100	0042	-	-				
	c	4	47	60	560	0027	-	-				
	d	2	24	62	610	0029	-	-				
	e	ϕ	0	66	730	0032	-	-				
Y, 33	a	ϕ	0	68	780	0033	-	-				
	b	2	24	66	730	0032	-	-				
	c	6	71	74	950	0037	-	-	0	0	3.0	4.0
	d	ϕ	0	56	450	0024	-	-				
	e	ϕ	0	64	670	0030	-	-				
Z, 33	a	ϕ	0	92	1500	0050	-	-				
	b	6	71	56	450	0024	-	-				
	c	ϕ	0	56	450	0024	-	-				
	d	2	24	64	670	0030	-	-				
	e	4	47	68	780	0033	-	-	0	0	3.0	4.0
AA, 33	a	6	71	88	1300	0047	-	-	0	0	0.5	0
	b	2	24	50	280	0020	-	-				
	c	2	24	82	1200	0043	-	-				
	d	8	94	58	500	0026	-	-				
	e	4	47	46	170	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

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CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB, 33	a	2	24	56	450	0024	-	-				
	b	ϕ	0	62	610	0029	-	-				
	c	ϕ	0	76	1000	0039	-	-				
	d	ϕ	0	74	950	0037	-	-				
	e	6	71	74	950	0037	-	-	0.5	1.0	1.5	1.C
AC, 33	a	2	24	78	1100	0040	-	-				
	b	1ϕ	120 ~~118~~	5ϕ	280	0020	-	-	0	0	4.0	6.0
	c	4	47	66	730	0032	-	-				
	d	ϕ	0	78	1100	0040	-	-				
	e	2	24	62	610	0029	-	-				
T, 36	a	4	47	5ϕ	280	0020	-	-				
	b	2	24	8ϕ	1100	0042	-	-				
	c	2	24	58	500	0026	-	-				
	d	6	71	8ϕ	1100	0042	-	-	1.0	2.0	2.5	3.0
	e	4	47	74	950	0037	-	-				
U, 36	a	2	24	62	610	0029	-	-				
	b	ϕ	0	72	890	0036	-	-				
	c	ϕ	0	62	610	0029	-	-				
	d	2	24	76	1000	0039	-	-	0	0	2.5	3.0
	e	ϕ	0	48	220	0019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEY (s) CP & MB DATE

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
V, 36	a	4	47	64	670	0.030	-	-				
	b	4	47	5ϕ	280	0020	-	-				
	c	4	47	6ϕ	560	0027	-	-				
	d	2	24	5ϕ	280	0.020	-	-				
	e	6	71	66	730	0.032	-	-	0	0	1.0	0
W, 36	a	ϕ	0	66	730	0032	-	-				
	b	ϕ	0	62	610	0029	-	-				
	c	8	94	88	1300	0047	-	-	0	0	1.5	1.0
	d	8	94	58	500	0026	-	-				
	e	4	47	54	390	0023	-	-				
X, 36	a	ϕ	0	74	950	0037	-	-				
	b	ϕ	0	88	1300	0047	-	-				
	c	6	71	76	1000	0039	-	-	0	0	3.0	4.0
	d	4	47	62	610	0029	-	-				
	e	4	47	82	1200	0.043	-	-				
Y, 36	a	2	24	68	790	0.033	-	-				
	b	6	71	62	610	0029	-	-	0	0	3.0	4.0
	c	6	71	58	500	0.026	-	-				
	d	2	24	62	610	0029	-	-				
	e	2	24	4ϕ	0	0013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEY (s) MB & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I — ROOM / AREA 115 - 7Φ/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z, 36	a	2	24	7Φ	840	0034	-	-				
	b	2	24	74	950	0037	-	-	0	0	3.0	4.0
	c	2	24	66	730	0.032	-	-				
	d	4	47	42	60	0.014	-	-				
	e	2	24	72	890	0036	-	-				
AA, 36	a	2	24	66	730	0.032	-	-				
	b	2	24	72	890	0036	-	-	0	0	0.5	0
	c	2	24	58	500	0026	-	-				
	d	2	24	7Φ	840	0.034	-	-				
	e	Φ	0	64	670	0.030	-	-				
AB, 36	a	2	24	72	890	0.036	-	-				
	b	2	24	54	390	0.023	-	-				
	c	4	47	62	610	0.029	-	-	0	0	2.5	3.0
	d	2	24	66	730	0.032	-	-				
	e	4	47	6Φ	560	0.027	-	-				
AC, 36	a	6	71	76	1000	0.039	-	-	0	0	2.0	2.0
	b	6	71	54	390	0.023	-	-				
	c	2	24	48	220	0.019	-	-				
	d	4	47	62	610	0.029	-	-				
	e	Φ	0	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) CP & MB DATE

FACILITY ESG Phase I — ROOM / AREA 115 - 7Φ/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
T, 39	a	Φ	0	62	610	0.029	-	-				
	b	2	24	56	450	0.024	-	-				
	c	2	24	58	500	0.026	-	-				
	d	4	47	9Φ	1400	0.049	-	-	0	0	1.0	0
	e	2	24	84	1200	0.044	-	-				
U, 39	a	Φ	0	68	780	0.033	-	-				
	b	Φ	0	64	670	0030	-	-				
	c	4	47	76	1000	0039	-	-	0.5	1.0	2.5	3.0
	d	Φ	0	6Φ	560	0027	-	-				
	e	Φ	0	62	610	0.029	-	-				
V, 39	a	2	24	74	950	0037	-	-				
	b	2	24	5Φ	280	0020	-	-				
	c	2	24	76	1000	0039	-	-				
	d	4	47	68	780	0033	-	-	0	0	3.0	4.0
	e	2	24	64	670	0030	-	-				
W, 39	a	Φ	0	66	730	0032	-	-				
	b	6	71	54	390	0023	-	-				
	c	6	71	62	610	0029	-	-				
	d	Φ	0	98	1600	0054	-	-	1.0	2.0	4.0	6.0
	e	Φ	0	6Φ	560	0027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB & CP DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
X, 39	a	4	47	104	1800	0.059	-	-	0	0	2.0	2.0
	b	2	24	84	1200	0.044	-	-				
	c	ϕ	0	68	780	0.033	-	-				
	d	ϕ	0	70	840	0.034	-	-				
	e	6	71	72	890	0.036	-	-				
Y, 39	a	ϕ	0	56	450	0.024	-	-				
	b	2	24	56	450	0.024	-	-				
	c	ϕ	0	54	390	0.023	-	-				
	d	8	94	60	560	0.027	-	-	0	0	1.5	1.0
	e	6	71	56	450	0.024	-	-				
Z, 39	a	2	24	84	1200	0.044	-	-	0.5	1.0	1.5	1.0
	b	4	47	62	610	0.029	-	-				
	c	ϕ	0	50	280	0.020	-	-				
	d	2	24	58	500	0.026	-	-				
	e	ϕ	0	50	280	0.020	-	-				
AA, 39	a	ϕ	0	56	450	0.024	-	-				
	b	6	71	64	670	0.030	-	-	0	0	1.5	1.0
	c	ϕ	0	44	110	0.016	-	-				
	d	4	47	60	560	0.027	-	-				
	e	6	71	62	610	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVE (s) CP & MB DATE

FACILITY ESG Phase I ROOM / AREA 115-70/86 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AB, 39	a	ϕ	0	56	450	0.024	-	-				
	b	4	47	76	1000	0.039	-	-				
	c	ϕ	0	86	1300	0.046	-	-				
	d	2	24	72	890	0.036	-	-				
	e	6	71	72	890	0.036	-	-	0	0	2.5	3.0
AC, 39	a	2	24	78	1100	0.040	-	-				
	b	4	47	68	780	0.033	-	-	0	0	3.0	4.0
	c	4	47	60	560	0.027	-	-				
	d	ϕ	0	58	500	0.026	-	-				
	e	2	24	62	610	0.029	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVE (s) MB & CP DATE

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
U,O	a	0	0	32	0	0.013	-	-				
	b	0	0	68	780	0.033	-	-	0	0	3.5	5.0
	c	8	94	54	390	0.023	-	-				
	d	6	71	36	0	0.013	-	-				
	e	6	71	42	60	0.014	-	-				
W,O	a	4	47	30	0	0.013	-	-				
	b	4	47	40	0	0.013	-	-	0	0	4.0	6.0
	c	14	165	20	0	0.013	-	-				
	d	8	94	30	0	0.013	-	-				
	e	4	47	30	0	0.013	-	-				
W,O	a	4	47	44	110	0.016	-	-				
	b	4	47	44	110	0.016	-	-	0	0	3.0	4.0
	c	4	47	40	0	0.013	-	-				
	d	0	0	44	110	0.016	-	-				
	e	0	0	44	110	0.016	-	-				
Z,O	a	2	24	30	0	0.013	-	-				
	b	6	71	60	560	0.027	-	-	0	0	0.5	0
	c	4	47	50	280	0.020	-	-				
	d	2	24	50	280	0.020	-	-				
	e	2	24	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AJB, RG, CMP DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 115 - 10/86 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Z,O	a	6	71	38	0	0.013	-	-	0	0	7.5	12.
	b	4	47	58	500	0.026	-	-				
	c	6	71	54	390	0.023	-	-				
	d	2	24	50	280	0.020	-	-				
	e	2	24	38	0	0.013	-	-				
AA,O	a	0	0	54	390	0.023	-	-				
	b	0	0	44	110	0.016	-	-				
	c	6	71	44	110	0.016	-	-				
	d	2	24	60	560	0.027	-	-				
	e	4	47	56	450	0.024	-	-	0.5	1.0	5.5	8.0
AC,O	a	0	0	70	840	0.034	-	-				
	b	6	71	40	0	0.013	-	-	0	0	2.0	2.0
	c	0	0	60	560	0.027	-	-				
	d	2	24	50	280	0.020	-	-				
	e	4	47	70	840	0.034	-	-				
AC,O	a	0	0	60	560	0.027	-	-				
	b	2	24	66	730	0.032	-	-				
	c	0	0	54	390	0.023	-	-				
	d	2	24	54	390	0.023	-	-				
	e	8	94	48	220	0.019	-	-	0.5	1.0	2.5	3.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AJB, RG, CMP DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,0	a	0	0	42	60	0.014	-	-				
	b	0	0	42	60	0.014	-	-				
	c	6	71	54	390	0.023	-	-	0	0	4.5	7.0
	d	0	0	54	390	0.023	-	-				
	e	4	47	40	0	0.013	-	-				
AF,0	a	6	71	40	0	0.013	-	-				
	b	2	24	50	280	0.020	-	-				
	c	2	24	60	560	0.027	-	-				
	d	6	71	60	560	0.027	-	-	0	0	1.0	0
	e	2	24	40	0	0.013	-	-				
AE,3	a	0	0	70	840	0.034	-	-				
	b	0	0	54	390	0.023	-	-				
	c	0	0	44	110	0.016	-	-				
	d	4	47	44	110	0.016	-	-	0	0	4.5	7.0
	e	4	47	60	560	0.027	-	-				
AE,3	a	24	283	60	560	0.027	-	-				
	b	12	142	44	110	0.016	-	-				
	c	8	94	58	500	0.026	-	-				
	d	16	189	66	730	0.032	-	-	0	0	0.5	0
	e	12	142	46	170	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 112 - 10/06 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,15	a	6	71	38	0	0.013	-	-				
	b	12	142	38	0	0.013	-	-				
	c	4	47	20	0	0.013	-	-				
	d	10	118	40	0	0.013	-	-				
	e	14	165	30	0	0.013	-	-	0	0	2.0	2.0
AE,15	a	16	189	38	0	0.013	-	-				
	b	0	0	58	500	0.026	-	-	0	0	1.0	0
	c	10	118	54	390	0.023	-	-				
	d	8	94	48	220	0.014	-	-				
	e	10	118	44	110	0.016	-	-				
AE,18	a	10	118	44	110	0.016	-	-				
	b	20	236	74	950	0.037	-	-	0	0	2.0	2.0
	c	16	189	48	220	0.019	-	-				
	d	16	189	48	220	0.014	-	-				
	e	8	94	40	0	0.013	-	-				
AE,18	a	2	24	46	170	0.017	-	-				
	b	0	0	54	390	0.023	-	-				
	c	0	0	62	610	0.029	-	-				
	d	2	24	52	340	0.022	-	-				
	e	8	94	62	610	0.024	-	-	0	0	2.5	3.0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 115 - 101/86 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AE,21	a	10	118	48	220	0.019	-	-				
	b	8	94	42	60	0.014	-	-				
	c	4	47	54	390	0.023	-	-	0.5	1.0	3.0	4.0
	d	6	71	58	500	0.026	-	-				
	e	14	165	48	220	0.019	-	-				
AE,24	a	8	94	52	340	0.022	-	-				
	b	6	71	72	890	0.036	-	-	0	0	0.5	0
	c	10	118	68	780	0.033	-	-				
	d	10	118	68	780	0.033	-	-				
	e	14	165	56	450	0.024	-	-				
AE,27	a	2	24	42	60	0.014	-	-	0.5	1.0	6.5	10.
	b	6	71	52	340	0.022	-	-				
	c	2	24	42	60	0.014	-	-				
	d	4	47	42	60	0.014	-	-				
	e	2	24	48	220	0.019	-	-				
AE,27	a	18	212	56	450	0.024	-	-				
	b	8	94	72	890	0.036	-	-	0	0	1.5	1.0
	c	10	118	68	780	0.033	-	-				
	d	12	142	34	0	0.013	-	-				
	e	10	118	58	500	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115 - 101/86 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AE,33	a	6	71	50	280	0.020	-	-				
	b	6	71	58	500	0.026	-	-				
	c	8	94	54	390	0.023	-	-				
	d	24	283	70	840	0.034	-	-	0.5	1.0	3.5	5.0
	e	8	94	62	610	0.029	-	-				
AD,33	a	8	94	26	0	0.013	-	-				
	b	16	189	12	0	0.013	-	-	0	0	2.0	2.0
	c	10	118	16	0	0.013	-	-				
	d	8	94	12	0	0.013	-	-				
	e	10	118	22	0	0.013	-	-				
AD,30	a	12	142	26	0	0.013	-	-				
	b	18	212	28	0	0.013	-	-	0	0	1.5	1.0
	c	12	142	32	0	0.013	-	-				
	d	20	236	30	0	0.013	-	-				
	e	16	189	16	0	0.013	-	-				
AD,30	a	0	0	24	0	0.013	-	-				
	b	8	94	24	0	0.013	-	-				
	c	0	0	26	0	0.013	-	-	0	0	2.0	2.0
	d	0	0	34	0	0.013	-	-				
	e	4	47	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115 - 70/86 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,36	a	6	71	28	0	0.013	-	-				
	b	6	71	22	0	0.013	-	-				
	c	6	71	20	0	0.013	-	-				
	d	6	71	20	0	0.013	-	-				
	e	18	212	20	0	0.013	-	-	0	0	2.5	3.0
AD,36	a	0	0	38	0	0.013	-	-				
	b	6	71	34	0	0.013	-	-				
	c	8	94	22	0	0.013	-	-	0	0	3.0	4.0
	d	2	24	46	170	0.017	-	-				
	e	4	47	28	0	0.013	-	-				
AD,39	a	12	142	34	0	0.013	-	-				
	b	16	189	24	0	0.013	-	-				
	c	14	165	32	0	0.013	-	-				
	d	14	165	22	0	0.013	-	-				
	e	14	165	30	0	0.013	-	-	0	0	3.5	5.0
AE,42	a	4	47	28	0	0.013	-	-				
	b	8	94	28	0	0.013	-	-				
	c	2	24	28	0	0.013	-	-				
	d	10	118	24	0	0.013	-	-	0	0	2.0	2.0
	e	8	94	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AJB, RG DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 115 - 101/102 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,42	a	6	71	24	0	0.013	-	-				
	b	6	71	30	0	0.013	-	-				
	c	6	71	32	0	0.013	-	-	0	0	4.0	6.0
	d	0	0	32	0	0.013	-	-				
	e	2	24	24	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(s) AJB, RG DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 115-70/86 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AD,3	a	12	142	28	0	0.013	-	-				
	b	18	212	56	450	0.024	-	-	0	0	3.0	4.0
	c	16	189	32	0	0.013	-	-				
	d	8	94	22	0	0.013	-	-				
	e	10	118	40	0	0.013	-	-				
W,6	a	14	165	52	340	0.022	-	-				
	b	22	260	22	0	0.013	-	-				
	c	18	212	42	60	0.014	-	-				
	d	18	212	38	0	0.013	-	-				
	e	10	118	42	60	0.014	-	-	0	0	3.5	5.0
S,9	a	18	212	36	0	0.013	-	-				
	b	12	142	64	670	0.030	-	-				
	c	20	236	44	110	0.016	-	-				
	d	6	71	52	340	0.022	-	-	0	0	1.5	1.0
	e	12	142	38	0	0.013	-	-				
Z,12	a	22	260	38	0	0.013	-	-	0	0	1.5	1.0
	b	12	142	34	0	0.013	-	-				
	c	8	94	38	0	0.013	-	-				
	d	22	260	36	0	0.013	-	-				
	e	12	142	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) ATB, RG DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 115-10/86 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
U,18	a	8	94	66	730	0.032	-	-	0	0	2.0	2.0
	b	20	236	44	110	0.016	-	-				
	c	26	307	30	0	0.013	-	-				
	d	20	236	42	60	0.014	-	-				
	e	10	118	60	560	0.027	-	-				
X,18	a	4	47	40	0	0.013	-	-				
	b	6	71	64	670	0.030	-	-				
	c	10	118	50	280	0.020	-	-	0	0	1.0	0
	d	8	94	46	170	0.017	-	-				
	e	18	212	26	0	0.013	-	-				
AA,18	a	12	142	50	280	0.020	-	-	0	0	1.5	1.0
	b	18	212	40	0	0.013	-	-				
	c	6	71	54	390	0.023	-	-				
	d	12	142	30	0	0.013	-	-				
	e	22	260	48	220	0.019	-	-				
AE,18	a	14	165	40	0	0.013	-	-				
	b	20	236	32	0	0.013	-	-				
	c	16	189	52	340	0.022	-	-	0	0	0.5	0
	d	14	165	44	110	0.016	-	-				
	e	28	330	44	110	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, PF DATE 5-27-83

FACILITY ESG Phase I

ROOM / AREA 115 - 70186
CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AC,24	a	38	448	32	0	0.013	-	-				
	b	48	566	38	0	0.013	-	-				
	c	46	543	48	220	0.019	-	-	0	0	2.0	2.0
	d	20	236	34	0	0.013	-	-				
	e	40	472	30	0	0.013	-	-				
U,27	a	32	378	34	0	0.013	-	-				
	b	20	236	32	0	0.013	-	-				
	c	22	260	52	340	0.022	-	-	0.5	1.0	1.0	0
	d	24	283	40	0	0.013	-	-				
	e	28	330	26	0	0.013	-	-				
Z,27	a	30	354	24	0	0.013	-	-				
	b	24	283	30	0	0.013	-	-				
	c	20	236	48	220	0.019	-	-	0.5	1.0	0.5	0
	d	34	401	34	0	0.013	-	-				
	e	22	260	32	0	0.013	-	-				
X,30	a	24	283	26	0	0.013	-	-				
	b	20	236	36	0	0.013	-	-				
	c	20	236	38	0	0.013	-	-				
	d	32	378	50	280	0.020	-	-	0	0	3.0	4.0
	e	32	378	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) PF, RG

DATE 5-27-83

FACILITY ESG Phase I

ROOM / AREA 115 - 70186
CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,33	a	6	71	40	0	0.013	-	-	0	0	0.5	0
	b	0	0	26	0	0.013	-	-				
	c	4	47	36	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	2	24	34	0	0.013	-	-				
AB,36	a	26	307	26	0	0.013	-	-				
	b	36	425	22	0	0.013	-	-				
	c	26	307	30	0	0.013	-	-				
	d	24	283	42	60	0.027	-	-	0.5	1.0	3.5	5.0
	e	30	354	38	0	0.013	-	-				
AC,36	a	24	283	34	0	0.013	-	-				
	b	36	425	38	0	0.013	-	-				
	c	18	212	40	0	0.013	-	-				
	d	24	283	48	220	0.019	-	-	0.5	1.0	1.0	0
	e	20	236	42	60	0.014	-	-				
T,39	a	4	47	44	110	0.016	-	-				
	b	8	94	30	0	0.013	-	-				
	c	4	47	56	450	0.024	-	-				
	d	8	94	48	220	0.019	-	-	0	0	3.0	4.0
	e	2	24	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) RG, PF

DATE 5-27-83

FACILITY ESG Phase I ROOM / AREA 115-86A FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AG,9	a	2	24	70	840	0.034	-	-				
	b	0	0	82	1200	0.043	-	-				
	c	6	71	68	780	0.033	-	-				
	d	0	0	76	1000	0.039	-	-				
	e	2	24	80	1100	0.042	-	-	0	0	4.5	7.0
AF,12	a	4	47	66	730	0.032	-	-				
	b	0	0	74	950	0.037	-	-	0	0	3.0	4.0
	c	4	47	60	560	0.027	-	-				
	d	0	0	88	1300	0.047	-	-				
	e	2	24	68	780	0.033	-	-				
AG,12	a	0	0	38	0	0.013	-	-				
	b	2	24	64	670	0.030	-	-				
	c	2	24	50	280	0020	-	-				
	d	0	0	78	1100	0.040	-	-	0	0	0.5	0
	e	2	24	54	390	0.023	-	-				
AD,33	a	2	24	54	390	0023	-	-				
	b	2	24	52	340	0022	-	-				
	c	0	0	66	730	0032	-	-	0.5	1.0	4.0	6.0
	d	2	24	46	170	0017	-	-				
	e	0	0	64	670	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) MB, BR, CP DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 115 - 86A FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AF,0	a	2	24	68	780	0.033	-	-	1.5	4.0	3.5	5.0
	b	4	47	68	780	0.033	-	-				
	c	4	47	80	1100	0.042	-	-				
	d	2	24	84	1200	0044	-	-				
	e	2	24	56	450	0.024	-	-				
AF,3	a	2	24	52	340	0.022	-	-	0	0	1.0	0
	b	2	24	74	950	0.037	-	-				
	c	4	47	70	840	0.034	-	-				
	d	4	47	72	890	0.036	-	-				
	e	2	24	64	670	0.030	-	-				
AK,3	a	4	47	70	890	0.034	-	-				
	b	6	71	42	60	0.014	-	-				
	c	4	47	58	500	0.026	-	-				
	d	6	71	44	110	0.016	-	-				
	e	4	47	66	730	0.032	-	-	0	0	2.0	2.0
AF,9	a	0	0	48	220	0.019	-	-				
	b	4	47	56	450	0.024	-	-				
	c	0	0	74	950	0.037	-	-				
	d	4	47	54	390	0.023	-	-	0	0	1.5	1.0
	e	2	24	70	840	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, BR, MB DATE 6-2-83

FACILITY ESG Phase I ROOM / AREA 115-86A FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,33	a	2	24	74	950	0.037	-	-				
	b	2	24	66	730	0.032	-	-				
	c	2	24	68	780	0.033	-	-	0	0	2.5	3.0
	d	8	94	62	610	0.029	-	-				
	e	0	0	50	280	0.020	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 115-86A WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AF,0	a	12	140	52	340	0.022	-	-				
	b	12	140	42	60	0.014	-	-				
	c	16	190	70	840	0.034	-	-	0.5	1.0	3.0	4.0
	d	14	170	52	340	0.022	-	-				
	e	8	94	58	500	0.026	-	-				
AF,12	a	20	240	52	340	0.022	-	-	0	0	2.5	3.0
	b	8	94	54	390	0.023	-	-				
	c	16	190	60	560	0.027	-	-				
	d	20	240	48	220	0.019	-	-				
	e	12	140	40	0	0.013	-	-				
AG,3	a	8	94	46	170	0.017	-	-				
	b	14	170	38	0	0.013	-	-	0	0	0.5	0
	c	6	71	42	60	0.014	-	-				
	d	6	71	26	0	0.013	-	-				
	e	6	71	20	0	0.013	-	-				
AG,9	a	18	210	28	0	0.013	-	-	1.0	2.0	3.0	4.0
	b	8	94	54	390	0.023	-	-				
	c	14	170	38	0	0.013	-	-				
	d	12	140	34	0	0.013	-	-				
	e	8	94	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 115-86A WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AG,12	a	0	0	72	890	0.036	-	-				
	b	2	24	52	340	0.022	-	-				
	c	6	71	64	670	0.030	-	-	0	0	1.0	0
	d	2	24	46	170	0.017	-	-				
	e	0	0	70	340	0.034	-	-				
AH,C	a	18	210	42	60	0.014	-	-				
	b	12	140	36	0	0.013	-	-				
	c	14	170	50	280	0.020	-	-	0	0	4.0	6.0
	d	10	120	36	0	0.013	-	-				
	e	18	210	32	0	0.013	-	-				
AF,15	a	16	190	38	0	0.013	-	-				
	b	18	210	24	0	0.013	-	-				
	c	24	280	42	60	0.014	-	-	0	0	0.5	0
	d	12	140	32	0	0.013	-	-				
	e	20	240	40	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) AJB, RG DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 115-010 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AG,12	a	10	120	36	0	0.013	-	-				
	b	12	140	48	220	0.019	-	-				
	c	14	170	36	0	0.013	-	-	0	0	3.0	4.0
	d	14	170	36	220	0.019	-	-				
	e	16	190	40	0	0.013	-	-				
	a						-	-				
	b		158		88		-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) RG, AJB DATE 5-26-83

FACILITY ESG Phase I ROOM / AREA 112-66/68 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,30	a	2	24	38	0	0.013	-	-				
	b	6	71	48	220	0.019	-	-	0.5	1.0	2.0	2.0
	c	2	24	48	220	0.019	-	-				
	d	4	47	46	220	0.019	-	-				
	e	2	24	42	60	0.014	-	-				
AE,30	a	4	47	52	340	0.022	-	-				
	b	0	0	42	60	0.014	-	-				
	c	32	380	42	60	0.014	-	-	1.0	2.0	3.5	5.0
	d	2	24	62	610	0.029	-	-				
	e	0	0	62	610	0.029	-	-				
AD,33	a	4	47	38	0	0.013	-	-				
	b	0	0	76	1000	0.039	-	-	0.5	1.0	4.0	6.0
	c	2	24	48	220	0.019	-	-				
	d	4	47	68	780	0.033	-	-				
	e	2	24	42	60	0.014	-	-				
AE,33	a	0	0	70	840	0.034	-	-				
	b	2	24	46	170	0.017	-	-				
	c	6	71	50	280	0.020	-	-				
	d	2	24	56	450	0.024	-	-	0	0	2.5	3.0
	e	0	0	78	1100	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 112-66/68 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AD,39	a	2	24	62	610	0.029	-	-				
	b	8	94	52	340	0.022	-	-				
	c	6	71	52	340	0.022	-	-				
	d	6	71	64	670	0.030	-	-	0	0	0.5	1.0
	e	2	24	68	780	0.033	-	-				
AE,39	a	0	0	74	950	0.037	-	-				
	b	2	24	58	500	0.026	-	-				
	c	0	0	56	450	0.024	-	-				
	d	6	71	44	110	0.016	-	-				
	e	6	71	54	390	0.023	-	-	0	0	2.0	2.0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR (s) MB, CP DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA 112-66/68 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AE,30	a	0	0	38	0	0.013	-	-	0	0	1.0	0
	b	4	47	18	0	0.013	-	-				
	c	0	0	24	0	0.013	-	-				
	d	0	0	34	0	0.013	-	-				
	e	4	47	24	0	0.013	-	-				
AE,33	a	16	190	50	280	0.020	-	-	0	0	2.0	2.0
	b	14	170	36	0	0.013	-	-				
	c	6	71	20	0	0.013	-	-				
	d	8	94	26	0	0.013	-	-				
	e	8	94	34	0	0.013	-	-				
AE,36	a	20	240	30	0	0.013	-	-	0.5	1.0	3.0	4.0
	b	8	94	30	0	0.013	-	-				
	c	6	71	22	0	0.013	-	-				
	d	10	120	26	0	0.013	-	-				
	e	12	140	26	0	0.013	-	-				
AE,39	a	12	140	22	0	0.013	-	-				
	b	18	210	26	0	0.013	-	-	0	0	3.0	4.0
	c	10	120	22	0	0.013	-	-				
	d	4	47	26	0	0.013	-	-				
	e	18	210	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) RG, AB DATE 5-31-83

FACILITY ESG Phase I ROOM / AREA 112-66/68 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
AE,36	a	6	71	22	0	0.013	-	-				
	b	6	71	36	0	0.013	-	-				
	c	10	120	32	0	0.013	-	-	0	0	4.5	7.0
	d	6	71	28	0	0.013	-	-				
	e	0	0	26	0	0.013	-	-				
AE,39	a	0	0	32	0	0.013	-	-				
	b	4	47	22	0	0.013	-	-				
	c	0	0	28	0	0.013	-	-	0	0	1.0	2.0
	d	0	0	36	0	0.013	-	-				
	e	0	0	34	0	0.013	-	-				
AE,42	a	2	24	54	390	0.023	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	34	0	0.013	-	-	0	0	2.0	2.0
	d	4	47	44	110	0.016	-	-				
	e	4	47	52	340	0.022	-	-				
AH,42	a	20	240	16	0	0.013	-	-				
	b	20	240	14	0	0.013	-	-				
	c	10	120	20	0	0.013	-	-	0.5	1.0	2.5	3.0
	d	10	120	34	0	0.013	-	-				
	e	16	190	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 5-31-83

FACILITY ESG Phase I

ROOM / AREA 112-66-68 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
AE,30	a	22	260	18	0	0.013	-	-				
	b	4	47	26	0	0.013	-	-				
	c	20	240	14	0	0.013	-	-				
	d	12	140	28	0	0.013	-	-	1.0	2.0	5.0	7.0
	e	12	140	32	0	0.013	-	-				
AE,33	a	12	140	34	0	0.013	-	-				
	b	12	140	26	0	0.013	-	-				
	c	18	210	30	0	0.013	-	-	0.5	1.0	3.5	5.0
	d	16	190	16	0	0.013	-	-				
	e	12	140	18	0	0.013	-	-				
AE,39	a	18	210	30	0	0.013	-	-				
	b	18	210	20	0	0.013	-	-				
	c	26	310	20	0	0.013	-	-	0.5	1.0	2.0	2.0
	d	4	47	40	0	0.013	-	-				
	e	20	240	30	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) AJB, RG DATE 6-1-83

FACILITY ESG Phase I ROOM / AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
M,1	a	4	47	50	280	0.020	-	-				
	b	12	140	50	280	0.020	-	-				
	c	10	120	50	280	0.020	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	50	280	0.020	-	-	0	0	2.0	2
M,2	a	0	0	40	0	0.013	-	-				
	b	4	47	60	560	0.027	-	-				
	c	2	24	20	0	0.013	-	-	0.5	1	3.0	4
	d	2	24	50	280	0.020	-	-				
	e	6	71	10	0	0.013	-	-				
M,3	a	2	24	30	0	0.013	-	-				
	b	2	24	60	560	0.027	-	-				
	c	0	0	20	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-	0	0	0	0
	e	4	47	20	0	0.013	-	-				
M,4	a	0	0	30	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-	0	0	3.5	5
	c	6	71	30	0	0.013	-	-				
	d	0	0	20	0	0.013	-	-				
	e	8	94	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 = NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 6,000 c/m (7.8 to 13.4 uR/h)

SURVEYOR(S) BR DATE 6-1-83

PHASE II

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,0	a	2	24	74	1000	0037	-	-				
	b	6	73	60	610	0027	-	-				
	c	0	0	58	550	0026	-	-				
	d	4	48	64	730	0030	-	-				
	e	8	97	62	670	0029	-	-	0.5	1	4.0	5
W,3	a	6	73	68	850	0033	-	-				
	b	10	120	66	790	0032	-	-	0	0	1.5	1
	c	4	48	74	1000	0037	-	-				
	d	2	24	58	550	0026	-	-				
	e	8	97	56	490	0024	-	-				
W,6	a	8	97	84	1300	0044	-	-	-	-	-	-
	b	6	73	78	1200	0040	-	-				
	c	0	0	60	610	0027	-	-				
	d	4	48	88	1300	0047	-	-				
	e	10	120	56	490	0024	-	-				
X,0	a	7	85	62	670	0029	-	-				
	b	4	48	66	790	0032	-	-				
	c	6	73	54	920	0023	-	-				
	d	8	97	70	920	0034	-	-	0.5	1	3.0	4
	e	2	24	66	790	0032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF, CP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04 FLOOR.

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,3	a	2	24	82	1300	0043	-	-				
	b	2	24	76	1100	0039	-	-	1.0	2	3.5	5
	c	0	0	60	610	0027	-	-				
	d	2	24	60	610	0027	-	-				
	e	0	0	72	1000	0036	-	-				
X,6	a	2	24	66	790	0032	-	-				
	b	4	48	60	610	0027	-	-				
	c	8	97	80	1200	0042	-	-	0	0	2.5	3
	d	8	97	68	850	0033	-	-				
	e	8	97	68	850	0033	-	-				
X,0	a	6	73	60	610	0027	-	-				
	b	6	73	62	670	0029	-	-	0.5	1	5.5	8
	c	6	73	58	550	0026	-	-				
	d	2	24	50	300	0020	-	-				
	e	2	24	70	920	0034	-	-				
X,3	a	2	24	54	430	0023	-	-				
	b	2	24	60	610	0027	-	-				
	c	0	0	56	490	0024	-	-				
	d	4	48	54	430	0023	-	-				
	e	4	48	56	490	0024	-	-	0	0	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF, CP DATE 9-19-83

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04

FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,0	a	0	0	54	430	0.023	-	-				
	b	8	97	50	300	0.020	-	-	0	0	1.5	1
	c	0	0	56	490	0.024	-	-				
	d	0	0	58	550	0.026	-	-				
	e	4	48	58	550	0.026	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PE, CP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04

WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,0	a	2	24	70	920	0.034	-	-				
	b	2	24	84	1300	0.044	-	-				
	c	6	73	84	1300	0.044	-	-				
	d	6	73	104	2000	0.059	-	-	1.0	2	2.5	3
	e	6	73	76	1100	0.039	-	-				
X,0	a	10	120	80	1200	0.042	-	-				
	b	8	97	86	1400	0.046	-	-				
	c	10	120	74	1000	0.037	-	-				
	d	10	120	102	1900	0.057	-	-	0	0	1.5	1
	e	2	24	70	920	0.034	-	-				
2,0	a	4	48	64	730	0.030	-	-	-	-	-	-
	b	10	120	64	730	0.030	-	-				
	c	14	29	80	1200	0.042	-	-				
	d	2	24	80	1200	0.042	-	-				
	e	0	0	100	1800	0.056	-	-				
X,6	a	4	48	56	490	0.024	-	-				
	b	4	48	82	1300	0.043	-	-	0.5	1	3.0	4
	c	2	24	64	730	0.030	-	-				
	d	0	0	46	180	0.017	-	-				
	e	0	0	54	430	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PE, CP, AJB, GE DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,9	a	2	24	74	1000	0.037	-	-				
	b	0	0	60	610	0027	-	-				
	c	0	0	62	670	0.029	-	-				
	d	0	0	82	1300	0.043	-	-				
	e	4	48	78	1200	0040	-	-	0.5	1	2.0	2
X,9	a	0	0	38	0	0.013	-	-				
	b	0	0	72	980	0.036	-	-				
	c	0	0	32	0	0.013	-	-				
	d	2	24	30	0	0.013	-	-				
	e	2	24	34	0	0.013	-	-	0.5	1	2.0	2
W,0	a	8	97	80	1200	0042	-	-				
	b	4	48	82	1300	0043	-	-				
	c	4	48	106	2000	0060	-	-				
	d	10	120	82	1300	0043	-	-	0	0	3.5	5
	e	2	24	56	490	0.024	-	-				
W,0	a	2	24	66	790	0.032	-	-				
	b	0	0	70	920	0034	-	-				
	c	2	24	74	1000	0037	-	-				
	d	0	0	68	850	0033	-	-				
	e	2	24	82	1300	0043	-	-	1	2	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF, CF DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,3	a	22	270	82	1300	0043	-	-				
	b	10	120	88	1500	0047	-	-				
	c	10	120	102	1900	0057	-	-				
	d	30	36	92	1600	0050	-	-	0	0	4.0	5
	e	6	73	90	1500	0049	-	-				
W,6	a	4	48	82	1300	0043	-	-				
	b	6	73	84	1300	0044	-	-	0	0	3.5	5
	c	2	24	72	980	0.036	-	-				
	d	4	48	76	1100	0039	-	-				
	e	2	24	78	1200	0040	-	-				
Y,3	a	0	0	40	6	0013	-	-	1.0	2	2.0	2
	b	0	0	24	0	0.013	-	-				
	c	0	0	32	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	0	0	36	0	0.013	-	-				
Y,6	a	0	0	34	0	0.013	-	-				
	b	0	0	44	120	0016	-	-				
	c	2	24	52	390	0022	-	-	0	0	3.0	4
	d	0	0	42	61	0014	-	-				
	e	0	0	40	0	0013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF, CF DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,6	a	2	24	36	0	0.013	-	-	0	0	3.5	5
	b	0	0	54	430	0.023	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	54	436	0.023	-	-				
	e	0	0	32	0	0.013	-	-				
X,9	a	0	0	26	0	0.013	-	-				
	b	0	0	32	0	0.013	-	-				
	c	0	0	58	580	0.026	-	-				
	d	2	24	48	240	0.019	-	-	1.0	2	1.5	1
	e	0	0	40	0	0.013	-	-				
Y,3	a	2	24	48	240	0.019	-	-				
	b	0	0	70	920	0.034	-	-				
	c	2	24	48	240	0.019	-	-	0.5	1	2.0	2
	d	0	0	46	180	0.017	-	-				
	e	0	0	50	300	0.020	-	-				
Y,3	a	0	0	40	0	0.013	-	-	-	-	-	-
	b	2	24	28	0	0.013	-	-				
	c	4	48	52	370	0.022	-	-				
	d	2	24	42	61	0.014	-	-				
	e	0	0	50	300	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF, CP, AJB, GF DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-04 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,6	a	2	24	56	490	0.024	-	-	0	0	4.5	6
	b	0	0	66	790	0.032	-	-				
	c	0	0	54	430	0.023	-	-				
	d	0	0	66	790	0.032	-	-				
	e	2	24	54	430	0.023	-	-				
Y,9	a	0	0	72	980	0.036	-	-				
	b	0	0	64	730	0.030	-	-				
	c	0	0	60	610	0.027	-	-				
	d	0	0	44	120	0.016	-	-				
	e	2	24	36	0	0.013	-	-	0	0	4.5	6
Y,9	a	0	0	48	240	0.019	-	-				
	b	2	24	54	430	0.023	-	-	0	0	3.0	4
	c	0	0	62	670	0.029	-	-				
	d	0	0	56	440	0.024	-	-				
	e	2	24	96	1700	0.053	-	-				
Y,3	a	14	170	80	1200	0.042	-	-	-	-	-	-
	b	2	24	70	920	0.034	-	-				
	c	2	24	64	730	0.030	-	-				
	d	4	48	82	1300	0.043	-	-				
	e	2	24	88	1500	0.047	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF, CP, AJB, GF DATE 9-19-83

FACILITY ESG - Phase II ROOM / AREA 1112-02 / 111- 04

CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,0	a	2	24	44	120	0016	-	-	0	0	2.5	3
	b	0	0	36	0	0.013	-	-				
	c	0	0	42	61	0014	-	-				
	d	0	0	40	0	0013	-	-				
	e	0	0	40	0	0.013	-	-				
W,3	a	0	0	40	0	0013	-	-				
	b	2	24	34	0	0.013	-	-				
	c	0	0	54	430	0023	-	-				
	d	0	0	68	850	0.033	-	-				
	e	2	24	42	61	0014	-	-	0	0	3.0	4
W,6	a	0	0	38	0	0.013	-	-				
	b	0	0	44	120	0016	-	-				
	c	2	24	48	240	0019	-	-	0	0	3.5	5
	d	2	24	34	0	0.013	-	-				
	e	2	24	28	0	0.013	-	-				
X,0	a	2	24	32	0	0.013	-	-				
	b	0	0	90	300	0020	-	-				
	c	2	24	70	926	0034	-	-	0	0	3.0	4
	d	2	24	44	120	0016	-	-				
	e	0	0	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) PE, CP, AJB, GF DATE 9-19 / 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/1112-

CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X 3	a	0	0	40	0	0.013	-	-				
	b	2	24	42	61	0.014	-	-				
	c	2	24	38	0	0.013	-	-				
	d	2	24	22	0	0.013	-	-				
	e	2	24	52	370	0022	-	-	0	0	2.0	2
X 3	a	0	0	36	0	0.013	-	-				
	b	0	0	52	370	0.022	-	-	1	2	2.5	3
	c	0	0	46	180	0.017	-	-				
	d	0	0	40	0	0013	-	-				
	e	0	0	50	300	0.020	-	-				
X,6	a	2	24	24	0	0.013	-	-				
	b	0	0	50	300	0020	-	-				
	c	6	73	42	61	0.014	-	-	0	0	1.5	1
	d	4	48	46	180	0.017	-	-				
	e	4	48	34	0	0.013	-	-				
X,6	a	2	24	28	0	0.013	-	-				
	b	0	0	38	0	0.013	-	-				
	c	0	0	38	0	0013	-	-				
	d	2	24	54	430	0.023	-	-	0	0	3.0	4
	e	2	24	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB, GF DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1112-02/11 - 04 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y ,0	a	6	73	38	6	0.013	-	-				
	b	0	0	32	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	24	32	0	0.013	-	-				
	e	4	48	48	240	0.019	-	-	1.0	2	0.5	0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB, GF DATE 9-19-85

FACILITY ESG - Phase II ROOM / AREA 11D-06 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-C,3	a	0	0	62	670	0.029	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	48	240	0.019	-	-				
	d	0	0	56	490	0.024	-	-				
	e	4	48	40	0	0.013	-	-	0	0	1.0	0
-C,6	a	0	0	54	430	0.023	-	-				
	b	2	24	40	0	0.013	-	-				
	c	2	24	42	61	0.014	-	-	0	0	1.0	0
	d	0	0	50	300	0.020	-	-				
	e	0	0	38	0	0.013	-	-				
-C,9	a	0	0	68	850	0.033	-	-				
	b	0	0	54	430	0.023	-	-				
	c	0	0	56	490	0.024	-	-				
	d	4	48	60	610	0.027	-	-	1.5	4	5.5	8
	e	0	0	46	180	0.017	-	-				
-C,12	a	2	24	44	120	0.016	-	-				
	b	0	0	56	490	0.024	-	-				
	c	2	24	57	520	0.026	-	-	1.0	2	2.5	3
	d	0	0	50	300	0.020	-	-				
	e	0	0	56	490	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Floor

SURVEY(s) CP DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-D,3	a	0	0	58	550	0.026	-	-				
	b	2	24	52	370	0.022	-	-				
	c	2	24	56	490	0.024	-	-	0	0	3.5	5
	d	2	24	42	61	0.014	-	-				
	e	0	0	42	61	0.014	-	-				
-D,6	a	0	0	42	61	0.014	-	-				
	b	2	24	42	61	0.014	-	-	0	0	1.0	0
	c	0	0	38	0	0.013	-	-				
	d	0	0	50	300	0.020	-	-				
	e	0	0	44	120	0.016	-	-				
-D,9	a	0	0	62	670	0.029	-	-				
	b	2	24	52	370	0.022	-	-	0	0	4.5	6
	c	0	0	52	370	0.022	-	-				
	d	0	0	66	790	0.032	-	-				
	e	0	0	78	1200	0.040	-	-				
-D,12	a	0	0	44	120	0.016	-	-				
	b	2	24	66	790	0.032	-	-	0	0	3.5	5
	c	0	0	42	61	0.014	-	-				
	d	0	0	44	120	0.016	-	-				
	e	0	0	56	490	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Floor

SURVEY(s) CP DATE 9-17-83

FACILITY ESG - Phase II ROOM / ARE/ 11D-06 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-E,3	a	0	0	48	240	0.019	-	-				
	b	0	0	28	Ø	0.013	-	-				
	c	2	24	42	61	0.014	-	-				
	d	2	24	48	240	0.019	-	-	0	0	3.0	4
	e	0	0	54	430	0.023	-	-				
-E,6	a	2	24	36	Ø	0.013	-	-				
	b	0	0	60	610	0.027	-	-				
	c	0	0	64	730	0.030	-	-				
	d	4	48	54	430	0.023	-	-	0	0	1.5	1
	e	0	0	44	120	0.016	-	-				
-D,9	a	0	0	52	370	0.022	-	-				
	b	2	24	38	Ø	0.013	-	-				
	c	2	24	54	430	0.023	-	-				
	d	0	0	36	Ø	0.013	-	-				
	e	0	0	62	670	0.029	-	-	0	0	1.0	0
-E,12	a	2	24	52	370	0.022	-	-				
	b	0	0	50	300	0.020	-	-				
	c	0	0	56	490	0.024	-	-				
	d	0	0	44	120	0.016	-	-				
	e	0	0	56	490	0.024	-	-	0	0	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

FLOOR

SURVEY(s) PWF, CP DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-F,3	a	0	0	68	850	0.033	-	-	0.5	1	1.0	0
	b	2	24	40	Ø	0.013	-	-				
	c	0	0	44	120	0.016	-	-				
	d	2	24	22	Ø	0.013	-	-				
	e	0	0	46	180	0.017	-	-				
-F,6	a	2	24	66	790	0.032	-	-	0	0	3.0	4
	b	0	0	66	610	0.027	-	-				
	c	0	0	46	180	0.017	-	-				
	d	0	0	54	430	0.023	-	-				
	e	0	0	70	920	0.034	-	-				
-F,9	a	2	24	46	180	0.017	-	-				
	b	0	0	66	790	0.032	-	-				
	c	0	0	74	1000	0.037	-	-	0.5	1	3.0	4
	d	0	0	72	980	0.036	-	-				
	e	0	0	64	730	0.030	-	-				
-F,12	a	0	0	52	370	0.022	-	-				
	b	2	24	36	Ø	0.013	-	-				
	c	2	24	36	Ø	0.013	-	-				
	d	0	0	56	490	0.024	-	-				
	e	0	0	60	610	0.027	-	-	0.5	1	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

FLOOR

SURVEY(s) PWF DATE 9-17-83

FACILITY ESG - Phase II ROOM / AREA 11D-06 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-C,12	a	2	24	80	1200	0.042	-	-	0	0	3.5	5
	b	0	0	64	730	0.030	-	-				
	c	0	0	46	180	0.017	-	-				
	d	2	24	44	120	0.016	-	-				
	e	0	0	68	850	0.033	-	-				
-D,12	a	0	0	60	610	0.027	-	-				
	b	0	0	48	240	0.019	-	-				
	c	0	0	52	370	0.022	-	-				
	d	4	48	74	1000	0.037	-	-	0	0	3.0	4
	e	4	48	38	0	0.013	-	-				
-E,12	a	0	0	50	310	0.020	-	-				
	b	0	0	48	240	0.019	-	-				
	c	0	0	46	180	0.017	-	-				
	d	0	0	48	240	0.019	-	-				
	e	2	24	50	310	0.020	-	-	0.5	1	4.0	5
-F,12	a	2	24	60	610	0.027	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	50	310	0.020	-	-				
	d	0	0	44	120	0.016	-	-				
	e	4	48	50	310	0.020	-	-	0.5	1	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

WEST WALL

SURVEY(s) PF ECP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,9	a	4	48	66	790	0.032	-	-	0	0	2.5	3
	b	2	24	46	180	0.017	-	-				
	c	0	0	60	610	0.027	-	-				
	d	4	48	48	240	0.019	-	-				
	e	2	24	50	310	0.020	-	-				
-B,12	a	0	0	58	550	0.026	-	-				
	b	4	48	54	430	0.023	-	-	0	0	2.0	2
	c	0	0	26	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				
-B,15	a	0	0	86	1200	0.042	-	-				
	b	0	0	68	850	0.033	-	-				
	c	0	0	66	790	0.032	-	-				
	d	0	0	64	730	0.030	-	-				
	e	0	0	98	1800	0.054	-	-	0.5	1	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SOUTH WALL

SURVEY(s) PF & CP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,3	a	4	48	52	370	0.022	-	-	0	0	2.5	3
	b	0	0	46	180	0.017	-	-				
	c	0	0	42	61	0.014	-	-				
	d	0	0	36	Ø	0.013	-	-				
	e	4	48	56	490	0.024	-	-				
-C,3	a	0	0	64	730	0.030	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	52	370	0.022	-	-				
	d	2	24	70	920	0.034	-	-	0	0	3.5	5
	e	2	24	68	850	0.033	-	-				
-D,3	a	0	0	46	180	0.017	-	-				
	b	0	0	72	980	0.036	-	-				
	c	0	0	52	370	0.022	-	-				
	d	0	0	49	240	0.019	-	-				
	e	2	24	46	180	0.017	-	-	0	0	3.0	4
-E,3	a	0	0	50	310	0.020	-	-				
	b	4	48	44	120	0.016	-	-	0	0	1.0	0
	c	2	24	42	61	0.014	-	-				
	d	0	0	46	180	0.017	-	-				
	e	0	0	66	790	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

EAST WALL

SURVEY (s) PF & CD DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-E,3	a	0	0	46	180	0.017	-	-				
	b	0	0	58	550	0.026	-	-				
	c	2	24	62	670	0.029	-	-				
	d	2	24	56	490	0.024	-	-				
	e	2	24	66	790	0.032	-	-	0	0	2.5	3
-E,6	a	2	24	60	610	0.027	-	-	0	0	1.0	0
	b	0	0	52	370	0.022	-	-				
	c	0	0	46	180	0.017	-	-				
	d	0	0	42	61	0.014	-	-				
	e	0	0	42	61	0.014	-	-				
-E,9	a	2	24	34	Ø	0.013	-	-				
	b	0	0	50	310	0.020	-	-				
	c	2	24	32	Ø	0.013	-	-				
	d	2	24	32	Ø	0.013	-	-				
	e	2	24	36	Ø	0.013	-	-	0	0	3.0	4
-E,12	a	6	72	56	490	0.024	-	-	0	0	0.5	0
	b	0	0	40	Ø	0.013	-	-				
	c	2	24	62	670	0.029	-	-				
	d	0	0	49	240	0.019	-	-				
	e	0	0	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

NORTH WALL

SURVEY (s) PF & CD DATE 9-19-83

FACILITY ESG - Phase II ROOM / AREA 11D-06 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-E,15	a	4	48	66	790	0.032	-	-	0	0	4.5	6
	b	2	24	60	610	0.027	-	-				
	c	2	24	56	490	0.024	-	-				
	d	0	0	64	730	0.030	-	-				
	e	0	0	48	240	0.019	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SOUTH Side OF Free Standing WALL

SURVEY(s) PF & CP DATE 9.19.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-D,3	a	2	24	52	370	0.022	-	-				
	b	0	0	66	790	0.032	-	-				
	c	2	24	64	730	0.030	-	-	0	0	3.0	4
	d	2	24	66	610	0.027	-	-				
	e	2	24	48	240	0.019	-	-				
-D,6	a	0	0	54	430	0.023	-	-				
	b	2	24	54	430	0.023	-	-	0	0	1.5	1
	c	0	0	44	120	0.016	-	-				
	d	2	24	46	Ø	0.013	-	-				
	e	0	0	44	120	0.016	-	-				
-D,9	a	2	24	42	61	0.029	-	-	0	0	1.5	1
	b	2	24	36	Ø	0.013	-	-				
	c	0	0	34	Ø	0.013	-	-				
	d	2	24	36	Ø	0.013	-	-				
	e	0	0	34	Ø	0.013	-	-				
-D,12	a	2	24	74	1000	0.037	-	-				
	b	2	24	40	Ø	0.013	-	-				
	c	4	48	36	Ø	0.013	-	-	0	0	6.5	10
	d	0	0	32	Ø	0.013	-	-				
	e	0	0	44	120	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

CEILING -D,3 & -D,6, -D,12, -D,9 on Pipe

SURVEY(s) PF & CP DATE 9.20.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-C,3	a	2	24	44	120	0.016	-	-				
	b	2	24	38	Ø	0.013	-	-				
	c	2	24	56	490	0.024	-	-				
	d	4	48	50	310	0.020	-	-				
	e	14	170	60	610	0.027	-	-	0	0	1.0	0
-C,6	a	0	0	44	120	0.016	-	-				
	b	2	24	38	Ø	0.013	-	-				
	c	2	24	32	Ø	0.013	-	-				
	d	0	0	32	Ø	0.013	-	-				
	e	2	24	44	120	0.016	-	-	0	0	1.5	1
-C,9	a	2	24	34	Ø	0.013	-	-				
	b	2	24	38	Ø	0.013	-	-				
	c	2	24	56	490	0.024	-	-	0	0	3.5	5
	d	0	0	40	Ø	0.013	-	-				
	e	0	0	62	670	0.029	-	-				
-C,12	a	0	0	36	Ø	0.013	-	-				
	b	4	44	52	370	0.022	-	-	0.5	1	3.0	4
	c	0	0	56	490	0.024	-	-				
	d	4	48	34	Ø	0.013	-	-				
	e	2	24	52	370	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Ceiling -C,12 & C,6 on pipe -C,3 on Light Fixture

SURVEY(s) PF & CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-06 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-E,3	a	2	24	30	Ø	0.013	-	-				
	b	2	24	34	Ø	0.013	-	-				
	c	0	0	42	61	0.014	-	-				
	d	0	0	38	Ø	0.013	-	-				
	e	4	48	34	Ø	0.013	-	-	0	0	1.5	1
-E,6	a	0	0	34	Ø	0.013	-	-				
	b	0	0	46	180	0.017	-	-				
	c	0	0	32	Ø	0.013	-	-				
	d	0	0	32	Ø	0.013	-	-				
	e	2	24	40	Ø	0.013	-	-	0	0	2.5	3
-E,9	a	2	24	42	61	0.014	-	-				
	b	0	0	34	Ø	0.013	-	-				
	c	2	24	54	430	0.023	-	-	0	0	2.0	2
	d	0	0	48	240	0.019	-	-				
	e	0	0	50	310	0.020	-	-				
-E,12	a	0	0	34	Ø	0.013	-	-				
	b	2	24	32	Ø	0.013	-	-				
	c	2	24	52	370	0.022	-	-	0	0	3.0	4
	d	0	0	42	61	0.014	-	-				
	e	2	24	48	240	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Ceiling E,3 on Water Tank

SURVEY(s) PF & CP DATE 9-20-83

FACILITY ESG - Phase II ROOM / AREA 11D-06 _ CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-F,6	a	0	0	46	240	0.019	-	-	1.5	4	2.0	2
	b	0	0	32	Ø	0.013	-	-				
	c	0	0	34	Ø	0.013	-	-				
	d	0	0	36	Ø	0.013	-	-				
	e	0	0	36	Ø	0.013	-	-				
-F,9	a	0	0	42	61	0.014	-	-				
	b	0	0	38	Ø	0.013	-	-				
	c	2	24	34	Ø	0.013	-	-				
	d	0	0	27	Ø	0.013	-	-				
	e	2	24	52	370	0.022	-	-	0	0	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Ceiling

SURVEY (a) PF & QP DATE 9-20-93

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,0	a	2	24	38	Ø	0.013	-	-				
	b	0	0	62	670	0029	-	-				
	c	0	0	50	310	0020	-	-				
	d	0	0	66	740	0032	-	-				
	e	6	73	54	430	0023	-	-	1.0	2	2.0	2
-B,3	a	0	0	68	850	0033	-	-				
	b	0	0	48	240	0019	-	-				
	c	2	24	78	1200	0040	-	-	0.5	1	1.5	1
	d	4	49	52	370	0022	-	-				
	e	0	0	74	1000	0037	-	-				
-B,6	a	0	0	74	1000	0037	-	-				
	b	2	24	66	790	0032	-	-				
	c	2	24	56	490	0024	-	-				
	d	0	0	68	850	0033	-	-				
	e	2	24	70	920	0034	-	-	0	0	3.5	5
-B,9	a	0	0	62	670	0029	-	-				
	b	0	0	54	430	0023	-	-				
	c	8	97	58	550	0026	-	-	4.0	11	5.0	7
	d	0	0	68	850	0033	-	-				
	e	0	0	76	1100	0039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

FLOOR

SURVEY (s) AB & GF DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,12	a	4	48	80	1200	0.042	-	-	1.0	2	5.5	8
	b	4	49	78	1200	0.040	-	-				
	c	0	0	78	1200	0040	-	-				
	d	4	48	76	1100	0.039	-	-				
	e	4	49	66	790	0.032	-	-				
-B,15	a	6	72	58	550	0.026	-	-				
	b	8	97	76	1100	0039	-	-				
	c	6	72	68	850	0033	-	-				
	d	8	97	74	1000	0.037	-	-				
	e	14	170	54	430	0023	-	-	0	0	3.5	5
-C,0	a	2	24	53	400	0023	-	-	0	0	1.5	1
	b	0	0	56	490	0.024	-	-				
	c	2	24	54	430	0023	-	-				
	d	2	24	36	Ø	0.013	-	-				
	e	2	24	42	61	0.014	-	-				
-C,3	a	0	0	48	240	0.019	-	-				
	b	2	24	44	120	0.016	-	-				
	c	0	0	46	180	0.017	-	-				
	d	2	24	56	490	0.024	-	-				
	e	2	24	44	120	0.016	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

FLOOR

SURVEY (s) AB & GF DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,3	a	0	0	32	Ø	0.013	-	-				
	b	2	24	42	G1	0.014	-	-				
	c	2	24	36	Ø	0.013	-	-				
	d	2	24	30	Ø	0.013	-	-				
	e	4	48	38	Ø	0.013	-	-				
-B,6	a	0	0	28	Ø	0.013	-	-				
	b	2	24	36	Ø	0.013	-	-				
	c	0	0	46	180	0.017	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	46	180	0.017	-	-				
	a	0	0	36	Ø	0.013	-	-				
-B,0	b	0	0	34	Ø	0.013	-	-				
	c	0	0	30	Ø	0.013	-	-				
	d	2	24	24	Ø	0.013	-	-				
	e	2	24	20	Ø	0.013	-	-				
-B,0	a	0	0	32	Ø	0.013	-	-				
	b	0	0	42	61	0.014	-	-				
	c	0	0	34	Ø	0.013	-	-				
	d	0	0	30	Ø	0.013	-	-				
	e	0	0	26	Ø	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Wall

SURVE (s) PP & CP DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,0	a	0	0	34	Ø	0.013	-	-				
	b	2	24	36	Ø	0.013	-	-	0.5	1.0	1.5	1.0
	c	0	0	42	G1	0.014	-	-				
	d	0	0	28	Ø	0.013	-	-				
	e	0	0	34	Ø	0.013	-	-				
-B,3	a	0	0	52	370	0.022	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	34	Ø	0.013	-	-				
	d	0	0	40	Ø	0.013	-	-				
	e	2	24	38	Ø	0.013	-	-	0	0	3.0	4.0
-B,6	a	0	0	28	Ø	0.013	-	-				
	b	2	24	36	Ø	0.013	-	-				
	c	0	0	54	430	0.023	-	-				
	d	2	24	42	61	0.014	-	-				
	e	2	24	62	670	0.029	-	-	0	0	2.5	3.0
-B,9	a	2	24	40	Ø	0.013	-	-	0	0	0.5	0
	b	0	0	42	61	0.014	-	-				
	c	0	0	60	610	0.027	-	-				
	d	0	0	64	730	0.030	-	-				
	e	0	0	52	370	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Wall

SURVEY (s) CP & PP DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120-WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,3	a	2	24	24	Ø	0.013	-	-				
	b	2	24	48	240	0.019	-	-	0	0	3.0	4.0
	c	0	0	28	Ø	0.013	-	-				
	d	0	0	46	180	0.017	-	-				
	e	0	0	24	Ø	0.013	-	-				
-B,6	a	0	0	26	Ø	0.013	-	-				
	b	0	0	38	Ø	0.013	-	-				
	c	4	48	32	Ø	0.013	-	-	0	0	2.5	3.0
	d	0	0	26	Ø	0.013	-	-				
	e	0	0	38	Ø	0.013	-	-				
-B,9	a	0	0	36	Ø	0.013	-	-				
	b	2	24	42	61	0.014	-	-				
	c	0	0	54	730	0.023	-	-	0.5	1.0	3.5	5.0
	d	0	0	38	Ø	0.013	-	-				
	e	0	0	46	180	0.017	-	-				
-B,12	a	4	48	42	61	0.014	-	-	0	0	4.5	7.0
	b	0	0	64	730	0.030	-	-				
	c	2	24	32	Ø	0.013	-	-				
	d	6	73	36	Ø	0.013	-	-				
	e	0	0	40	Ø	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Wall

SURVEY (s) ATB & GF DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120-WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,12	a	2	24	14	Ø	0.013	-	-				
	b	0	0	32	Ø	0.013	-	-				
	c	4	48	38	Ø	0.013	-	-	0.5	1.0	1.5	1.0
	d	0	0	48	240	0.019	-	-				
	e	2	24	36	Ø	0.013	-	-				
-B,15	a	0	0	48	240	0.019	-	-				
	b	0	0	30	Ø	0.013	-	-				
	c	0	0	28	Ø	0.013	-	-				
	d	2	24	46	Ø	0.013	-	-	0.5	1.0	3.0	4.0
	e	0	0	28	Ø	0.013	-	-				
-B,15	a	0	0	38	Ø	0.013	-	-				
	b	2	24	34	Ø	0.013	-	-	0	0	2.5	3.0
	c	0	0	40	Ø	0.013	-	-				
	d	0	0	34	Ø	0.013	-	-				
	e	0	0	38	Ø	0.013	-	-				
-B,18	a	2	24	50	310	0.020	-	-	1.0	2.0	6.0	9.0
	b	0	0	42	61	0.014	-	-				
	c	0	0	48	61	0.014	-	-				
	d	2	24	30	Ø	0.013	-	-				
	e	0	0	46	180	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

Wall

SURVEY (s) PF & CP DATE 9-17-83

FACILITY ESG - Phase II ROOM / AREA AISLE 120-WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
A,3	a	0	0	56	310	0.020	-	-				
	b	0	0	32	Ø	0.013	-	-				
	c	0	0	52	370	0.022	-	-				
	d	4	48	26	Ø	0.013	-	-	0.5	1.0	1.5	1.0
	e	0	0	42	61	0.014	-	-				
-B,3	a	2	24	40	Ø	0.013	-	-				
	b	0	0	54	430	0.023	-	-				
	c	0	0	34	Ø	0.013	-	-				
	d	0	0	48	240	0.019	-	-				
	e	6	72	60	610	0.027	-	-	1.5	4.0	3.5	5.0
-B,6	a	0	0	34	Ø	0.013	-	-				
	b	0	0	42	61	0.014	-	-				
	c	2	24	38	Ø	0.013	-	-	0.5	1.0	3.0	4.0
	d	0	0	20	Ø	0.013	-	-				
	e	0	0	44	120	0.016	-	-				
-B,12	a	0	0	34	Ø	0.013	-	-				
	b	2	24	30	Ø	0.013	-	-				
	c	0	0	34	Ø	0.013	-	-				
	d	2	24	46	180	0.017	-	-	0	0	2.5	3.0
	e	0	0	36	Ø	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

WALL

SURVEY (s) NTB & GF DATE 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120-CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
A,15	a	2	24	42	61	0.014	-	-				
	b	0	0	34	Ø	0.013	-	-				
	c	4	48	52	370	0.022	-	-				
	d	0	0	36	Ø	0.013	-	-				
	e	0	0	72	980	0.036	-	-	0	0	2.5	3
-A,12	a	4	48	38	Ø	0.013	-	-				
	b	2	24	58	550	0.026	-	-	0	0	3.5	5
	c	6	73	42	61	0.014	-	-				
	d	0	0	46	180	0.017	-	-				
	e	6	73	48	240	0.019	-	-				
A,9	a	0	0	60	610	0.027	-	-				
	b	0	0	64	730	0.030	-	-				
	c	0	0	56	490	0.024	-	-				
	d	0	0	50	310	0.020	-	-				
	e	2	24	60	610	0.027	-	-	0	0	1.5	1
A,6	a	0	0	60	610	0.027	-	-	0	0	2.0	2
	b	2	24	50	310	0.020	-	-				
	c	0	0	42	61	0.014	-	-				
	d	0	0	42	61	0.014	-	-				
	e	0	0	40	Ø	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

CEILING

SURVEY (s) PF & GF DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 120 CEICING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,3	a	0	0	46	180	0.017	-	-				
	b	0	0	70	920	0.034	-	-	0.5	1	5.0	7
	c	0	0	46	180	0.017	-	-				
	d	0	0	62	670	0.029	-	-				
	e						-	-				
A,0	a	0	0	50	310	0.020	-	-				
	b	0	0	44	120	0.016	-	-				
	c	0	0	49	240	0.019	-	-				
	d	0	0	46	180	0.017	-	-				
	e	0	0	60	610	0.027	-	-	0.5	1	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR(s) PF & QF Ceiling DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04C Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,12	a	0	0	50	310	0.020	-	-	0.5	1	2.5	3
	b	4	49	50	310	0.020	-	-				
	c	0	0	66	790	0.032	-	-				
	d	0	0	46	180	0.017	-	-				
	e	4	48	44	120	0.016	-	-				
-B,15	a	2	24	72	980	0.036	-	-	0.5	1	3.5	5
	b	0	0	62	670	0.029	-	-				
	c	0	0	72	980	0.036	-	-				
	d	0	0	64	730	0.030	-	-				
	e	0	0	60	610	0.027	-	-				
-B,18	a	0	0	54	430	0.023	-	-				
	b	0	0	70	920	0.034	-	-				
	c	2	24	58	310	0.020	-	-				
	d	2	24	30	0	0.013	-	-				
	e	2	24	74	1000	0.037	-	-	2.0	5	2.5	3
-B,21	a	0	0	46	0	0.013	-	-				
	b	0	0	70	920	0.034	-	-				
	c	0	0	56	490	0.024	-	-				
	d	4	49	78	1200	0.040	-	-	0.5	1	1.5	1
	e	4	48	62	670	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10,6 to 14,8 µR/h)

SURVEY (s) ABC CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04C Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,24	a	0	0	62	670	0.029	-	-				
	b	2	24	64	730	0.030	-	-				
	c	6	73	76	920	0.034	-	-	0	0	2.5	3
	d	4	49	74	1000	0.037	-	-				
	e	0	0	52	370	0.022	-	-				
-C,12	a	4	49	46	180	0.017	-	-				
	b	4	48	60	610	0.027	-	-				
	c	0	0	50	310	0.020	-	-				
	d	0	0	68	850	0.033	-	-				
	e	4	48	68	850	0.033	-	-	2.5	7	1.5	1
-C,15	a	6	73	62	670	0.029	-	-	0	0	3.5	5
	b	4	24	54	430	0.023	-	-				
	c	0	0	76	920	0.034	-	-				
	d	0	0	70	920	0.034	-	-				
	e	2	24	68	850	0.033	-	-				
-C,18	a	2	24	52	370	0.022	-	-				
	b	2	24	56	490	0.024	-	-				
	c	0	0	54	430	0.023	-	-				
	d	0	0	58	550	0.026	-	-				
	e	4	48	74	1000	0.037	-	-	0	0	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) ABC CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04c FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,21	a	2	24	68	850	0.033	-	-				
	b	2	24	72	980	0.036	-	-	0.5	1	2.5	3
	c	2	24	60	610	0.027	-	-				
	d	0	0	44	120	0.016	-	-				
	e	2	24	72	980	0.036	-	-				
C,24	a	0	0	46	180	0.017	-	-				
	b	8	97	64	730	0.030	-	-	0.5	1	5.5	8
	c	0	0	52	370	0.022	-	-				
	d	2	24	44	120	0.016	-	-				
	e	0	0	66	740	0.032	-	-				
C,27	a	2	24	62	670	0.029	-	-				
	b	4	48	62	670	0.029	-	-				
	c	2	24	88	1500	0.047	-	-				
	d	6	73	66	790	0.032	-	-	0.5	1	2.0	2
	e	2	24	58	550	0.026	-	-				
D,12	a	0	0	52	370	0.022	-	-				
	b	0	0	60	610	0.027	-	-				
	c	0	0	76	1100	0.039	-	-	1.0	2	4.5	6
	d	0	0	54	430	0.023	-	-				
	e	0	0	74	1000	0.037	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR(s) ABE CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04c FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,15	a	2	24	74	1000	0.037	-	-				
	b	2	24	28	0	0.013	-	-				
	c	4	48	84	1300	0.044	-	-	0	0	4.5	6
	d	0	0	62	670	0.029	-	-				
	e	0	0	58	550	0.026	-	-				
D,18	a	2	24	60	610	0.027	-	-				
	b	2	24	40	0	0.013	-	-				
	c	6	73	56	490	0.024	-	-				
	d	6	73	62	670	0.029	-	-	1.0	2	7.0	11
	e	2	24	66	790	0.032	-	-				
D,21	a	0	0	70	920	0.034	-	-				
	b	0	0	58	550	0.026	-	-				
	c	0	0	68	850	0.033	-	-				
	d	0	0	78	1200	0.040	-	-	0.5	1	4.5	6
	e	0	0	46	180	0.017	-	-				
D,24	a	4	48	48	240	0.019	-	-	0	0	3.5	5
	b	0	0	48	240	0.019	-	-				
	c	2	24	46	180	0.017	-	-				
	d	2	24	42	61	0.014	-	-				
	e	2	24	58	550	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR(s) ABE CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04c FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-E,15	a	0	0	62	670	0029	-	-				
	b	0	0	68	850	0033	-	-				
	c	2	24	50	310	0020	-	-				
	d	4	48	52	370	0022	-	-	0.5	1	3.5	5
	e	4	48	50	310	0020	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) ABE CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04c WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,15	a	0	0	48	120	0016	-	-				
	b	2	24	40	0	0013	-	-	0.5	1	5.0	7
	c	0	0	54	430	0023	-	-				
	d	2	24	36	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				
-B,16	a	0	0	36	0	0.013	-	-				
	b	0	0	44	120	0016	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	0	0	46	180	0017	-	-	0.5	1	2.5	3
-B,15	a	0	0	54	430	0023	-	-				
	b	2	24	40	0	0013	-	-	0.5	1	2.5	5
	c	0	0	40	0	0013	-	-				
	d	0	0	60	610	0027	-	-				
	e	0	0	52	370	0022	-	-				
-C,15	a	2	24	62	670	0029	-	-	0	0	1.5	1
	b	0	0	48	240	0019	-	-				
	c	0	0	62	670	0029	-	-				
	d	0	0	64	730	0030	-	-				
	e	0	0	52	370	0022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) PFF CP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04c Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-D,12	a	0	0	46	0	0.013	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	64	730	0.030	-	-	0	0	2.0	2
	d	2	24	42	61	0.014	-	-				
	e	0	0	40	0	0.013	-	-				
-D,15	a	0	0	54	430	0.023	-	-				
	b	0	0	40	0	0.013	-	-				
	c	34	410	38	0	0.013	-	-	1.5	4	2.0	2
	d	2	24	58	550	0.026	-	-				
	e	0	0	46	180	0.017	-	-				
-D,18	a	0	0	54	430	0.023	-	-				
	b	0	0	64	730	0.030	-	-				
	c	2	24	54	430	0.023	-	-				
	d	0	0	46	180	0.017	-	-				
	e	4	48	48	240	0.019	-	-	1.0	2	2.5	3
-D,21	a	0	0	54	430	0.023	-	-				
	b	0	0	58	550	0.026	-	-				
	c	2	24	66	790	0.032	-	-	0	0	5.0	7
	d	0	0	60	610	0.027	-	-				
	e	0	0	58	550	0026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

-D,12 - [illegible] / -D,15 - [illegible]

SURVEYOR(S) PF&CP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04c Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-D,24	a	2	24	64	730	0.030	-	-	0.5	1	3.0	4
	b	0	0	39	0	0.013	-	-				
	c	0	0	56	490	0.024	-	-				
	d	2	24	30	0	0.013	-	-				
	e	6	73	36	0	0.013	-	-				
-R,27	a	2	24	56	490	0.024	-	-	1.0	2	5.0	7
	b	0	0	70	920	0.034	-	-				
	c	0	0	50	310	0.020	-	-				
	d	2	24	40	0	0.013	-	-				
	e	2	24	34	0	0.013	-	-				
-D,27	a	0	0	66	790	0.032	-	-				
	b	2	24	60	610	0.027	-	-	0.5	1	2.0	2
	c	0	0	46	180	0.017	-	-				
	d	0	0	52	370	0.022	-	-				
	e	4	48	38	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR(S) PF&CP DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04C Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,15	a	0	0	40	0	0.013	-	-				
	b	0	0	58	550	0.026	-	-				
	c	0	0	56	490	0.024	-	-				
	d	0	0	52	370	0.022	-	-				
	e	4	48	64	730	0.030	-	-	0.5	1	3.0	4
-B,18	a	0	0	64	730	0.030	-	-				
	b	0	0	58	550	0.026	-	-				
	c	2	24	50	310	0.020	-	-				
	d	0	0	72	980	0.036	-	-				
	e	2	24	78	1200	0.040	-	-	0	0	2.0	2
-B,21	a	4	48	66	790	0.032	-	-				
	b	2	24	40	0	0.013	-	-				
	c	8	97	42	61	0.014	-	-	0	0	2.5	3
	d	2	24	40	0	0.013	-	-				
	e	6	73	34	0	0.013	-	-				
-B,24	a	0	0	42	61	0.014	-	-				
	b	0	0	64	730	0.030	-	-	0.5	1	3.0	4
	c	0	0	56	490	0.024	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	54	430	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYED (s) ABf CP DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04C Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-C,12	a	0	0	52	370	0.022	-	-				
	b	0	0	62	670	0.029	-	-	0	0	1.0	0
	c	0	0	38	0	0.013	-	-				
	d	0	0	58	550	0.026	-	-				
	e	0	0	44	120	0.016	-	-				
-C,15	a	0	0	44	120	0.016	-	-				
	b	2	24	70	920	0.034	-	-	0	0	5.0	7
	c	0	0	48	240	0.019	-	-				
	d	0	0	68	850	0.033	-	-				
	e	0	0	52	370	0.022	-	-				
-C,18	a	0	0	54	430	0.023	-	-				
	b	4	48	60	610	0.027	-	-	1.5	4	1.5	1
	c	0	0	42	61	0.014	-	-				
	d	0	0	42	61	0.014	-	-				
	e	0	0	48	240	0.019	-	-				
-C,21	a	4	48	58	310	0.020	-	-				
	b	4	44	50	310	0.020	-	-				
	c	2	24	72	980	0.036	-	-				
	d	4	48	60	610	0.027	-	-	0	0	0	0
	e	0	0	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYED (s) ABf CP DATE 9-20-83 and 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04C Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,24	a	0	0	40	0	0.013	-	-				
	b	0	0	54	430	0.023	-	-				
	c	0	0	66	790	0.032	-	-				
	d	0	0	38	0	0.013	-	-				
	e	0	0	66	790	0.032	-	-	0	0	4.0	5
C,27	a	0	0	42	61	0.014	-	-				
	b	2	24	62	670	0.029	-	-	0	0	2.5	3
	c	0	0	14	120	0.016	-	-				
	d	2	24	38	0	0.013	-	-				
	e	2	24	36	0	0.013	-	-				
D,27	a	0	0	54	430	0.023	-	-				
	b	4	48	42	61	0.014	-	-	0	0	2.0	2
	c	0	0	46	180	0.017	-	-				
	d	2	24	74	1000	0.037	-	-				
	e	0	0	54	430	0.023	-	-				
D,12	a	2	24	58	550	0.026	-	-				
	b	2	24	68	850	0.033	-	-	0	0	5.0	7
	c	2	24	42	61	0.014	-	-				
	d	0	0	48	240	0.019	-	-				
	e	0	0	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVI :(a) AB & CP DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-04C Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,15	a	4	48	46	0	0.013	-	-	0	0	1.5	1
	b	0	0	36	0	0.013	-	-				
	c	2	24	60	610	0.027	-	-				
	d	0	0	28	0	0.013	-	-				
	e	0	0	52	370	0.022	-	-				
D,18	a	2	24	46	180	0.017	-	-				
	b	0	0	58	550	0.026	-	-				
	c	4	48	54	430	0.023	-	-	0	0	1.5	1
	d	0	0	58	550	0.026	-	-				
	e	4	48	42	61	0.014	-	-				
D,21	a	0	0	36	0	0.013	-	-				
	b	2	24	40	0	0.013	-	-	1.5	4	1.0	0
	c	0	0	36	0	0.013	-	-				
	d	0	0	42	61	0.014	-	-				
	e	0	0	58	550	0.026	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVI :(a) AB & CP DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,0	a	0	0	68	850	0.033	-	-	1.0	2	2.5	3
	b	4	48	88	1500	0.047	-	-				
	c	6	73	52	370	0.022	-	-				
	d	0	0	58	550	0.026	-	-				
	e	10	120	60	610	0.027	-	-				
A,3	a	10	120	84	1300	0.044	-	-	0	0	2.0	2
	b	6	73	52	370	0.022	-	-				
	c	4	48	76	1100	0.039	-	-				
	d	0	0	78	1200	0.040	-	-				
	e	2	24	52	370	0.022	-	-				
A,6	a	8	97	84	1300	0.044	-	-	1.5	4	5.5	8
	b	6	73	66	790	0.032	-	-				
	c	4	48	78	1200	0.040	-	-				
	d	0	0	62	670	0.029	-	-				
	e	14	170	60	610	0.027	-	-				
A,9	a	0	0	70	920	0.034	-	-				
	b	6	73	70	920	0.034	-	-	3.5	10	4.5	6
	c	2	24	74	1000	0.037	-	-				
	d	2	24	72	980	0.036	-	-				
	e	2	24	72	980	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14,8 µR/h)

SURVEYS(s) C.P. / G.E. DATE 9-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,12	a	2	24	80	1200	0.042	-	-				
	b	6	73	90	1500	0.049	-	-	2.5	7	5.0	7
	c	4	48	56	490	0.024	-	-				
	d	4	48	78	1200	0.040	-	-				
	e	2	24	78	1200	0.040	-	-				
A,15	a	4	48	60	610	0.027	-	-				
	b	6	73	74	1000	0.037	-	-				
	c	6	73	70	920	0.034	-	-				
	d	6	73	74	1000	0.037	-	-	2.0	5	1.5	1
	e	4	48	86	1400	0.046	-	-				
* A,21	a	8	97	48	240	0.019	-	-	0.5	1	1.5	1
	b	6	73	92	1600	0.050	-	-				
	c	2	24	78	1200	0.040	-	-				
	d	6	73	56	490	0.024	-	-				
	e	4	48	48	240	0.019	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

Duct Area

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14,8 µR/h)

* A,21 - Before Decon = a) 32 ⇔ 292 β b) 4 ⇔ 140 β - After Decon = a) 6 ⇔ 82 β b) 8 ⇔ 92 β

SURVEYS(s) C.P./G.E. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
*A,24	a	174	2100	3588	110,000	2.547	-	-	26.5	75	27.0	51
	b	14	170	192	4600	0.122	-	-	4.5	12	5.0	21
	c	4	48	230	5800	0.149	-	-	3.5	10	3.0	4
	d	10	120	324	8700	0.216	-	-	0	0	2.5	3
	e						-	-				
**A,24	a	2	24	112	2200	0.064	-	-				
	b	12	150	194	4700	0.123	-	-				
	c	8	97	72	980	0.036	-	-				
	d	4	48	76	1100	0.039	-	-				
	e						-	-				
***A,24	a						-	-				
	b			38	0	0.013	-	-	0	0	4.5	6
	c			72	980	0.036	-	-	1.0	2	4.0	5
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

*A,24 = BEFORE DECON **A,24 = AFTER DECON ***A,24 = DECON 2nd Time

SURVE (s) C.P./G.F. DATE 9-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c)* c/m	GAMMA (c)* µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
A,24	a	0	0	48	240	0019	-	-				
	b	4	48	48	240	0019	-	-				
	c	4	48	54	430	0023	-	-				
	d	2	24	48	240	0019	-	-				
	e	2	24	72	980	0036	-	-	0.5	1	1.5	1
A,18	a	4	48	122	2500	0.072	-	-				
	b	22	270	144	3200	0.087	-	-	0.5	1	4.0	5
	c	6	73	74	1000	0037	-	-				
	d	4	48	76	1100	0039	-	-				
	e	0	0	80	1200	0042	-	-				
B,0	a	4	48	36	0	0.013	-	-				
	b	0	0	52	370	0022	-	-				
	c	2	24	62	670	0029	-	-				
	d	2	24	70	920	0034	-	-	0	0	1.5	1
	e	2	24	62	670	0029	-	-				
B,3	a	2	24	70	920	0034	-	-				
	b	6	73	64	730	0030	-	-				
	c	6	73	96	1700	0053	-	-	0	0	1.0	0
	d	4	48	44	120	0016	-	-				
	e	2	24	56	490	0024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 110-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,6	a	0	0	60	610	0.027	-	-				
	b	2	24	62	670	0.029	-	-				
	c	2	24	62	670	0.029	-	-				
	d	8	97	70	920	0.034	-	-	1.5	4	3.5	5
	e	2	24	76	1100	0.039	-	-				
B,9	a	2	24	76	1100	0.039	-	-				
	b	2	24	58	550	0.026	-	-				
	c	2	24	72	980	0.036	-	-				
	d	2	24	74	1000	0.037	-	-				
	e	4	48	74	1000	0.037	-	-	0.5	1	2.5	3
B,12	a	2	24	62	670	0.029	-	-				
	b	6	73	80	1200	0.042	-	-	2.5	7	4.5	6
	c	6	73	74	1000	0.037	-	-				
	d	0	0	58	550	0.026	-	-				
	e	0	0	56	490	0.024	-	-				
B,15	a	2	24	52	370	0.022	-	-				
	b	2	24	56	490	0.024	-	-				
	c	4	48	80	1200	0.042	-	-	1.5	4	5.0	7
	d	4	48	66	790	0.032	-	-				
	e	2	24	90	1500	0.049	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 110-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,18	a	4	48	84	1300	0.044	-	-				
	b	14	170	92	1600	0.050	-	-	0.5	1	2.0	2
	c	4	48	82	1300	0.043	-	-				
	d	2	24	100	1800	0.056	-	-				
	e	0	0	72	980	0.036	-	-				
B,21	a	4	48	64	730	0.030	-	-				
	b	4	48	100	1800	0.056	-	-	0.5	1	1.5	1
	c	2	24	96	1700	0.053	-	-				
	d	10	120	68	850	0.033	-	-				
	e	0	0	72	980	0.036	-	-				
B,24	a	2	24	64	730	0.030	-	-				
	b	4	48	74	1000	0.037	-	-				
	c	2	24	84	1300	0.044	-	-				
	d	6	73	116	2300	0.067	-	-	1.5	4	4.0	5
	e	4	48	70	920	0.034	-	-				
B,27	a	6	73	94	1600	0.052	-	-				
	b	4	48	84	1300	0.044	-	-				
	c	6	73	72	980	0.036	-	-				
	d	14	170	148	3300	0.090	-	-	0.5	1	1.5	1
	e	6	73	78	1200	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,0	a	14	170	54	430	0.023	-	-				
	b	10	120	76	1100	0.039	-	-	1.0	2	2.5	3
	c	4	48	76	1100	0.039	-	-				
	d	2	24	64	730	0.030	-	-				
	e	16	190	68	850	0.033	-	-				
C,3	a	12	150	66	790	0.032	-	-				
	b	6	73	50	310	0.020	-	-				
	c	2	24	54	430	0.023	-	-				
	d	10	120	80	1200	0.042	-	-				
	e	10	120	82	1300	0.043	-	-	0	0	3.5	5
C,6	a	12	150	76	1100	0.039	-	-				
	b	14	170	68	850	0.033	-	-	3.5	10	3.0	4
	c	2	24	62	670	0.029	-	-				
	d	8	97	66	790	0.032	-	-				
	e	30	360	56	490	0.024	-	-				
C,9	a	8	97	76	1100	0.039	-	-	2.0	5	2.0	2
	b	4	48	72	980	0.036	-	-				
	c	2	24	84	1300	0.044	-	-				
	d	6	73	74	1000	0.037	-	-				
	e	8	97	60	610	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10,6 to 14,8 µR/h)

SURVE (s) C.P./G.F. DATE 9-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,12	a	12	150	118	2400	0.069	-	-				
	b	30	360	68	850	0.033	-	-	0.5	1	2.0	2
	c	12	156	70	920	0.034	-	-				
	d	14	176	94	1600	0.052	-	-				
	e	10	120	98	1800	0.054	-	-				
C,15	a	12	150	72	980	0.036	-	-				
	b	8	97	86	1400	0.046	-	-				
	c	26	320	86	1400	0.046	-	-	0.5	1	3.5	5
	d	12	150	76	1100	0.039	-	-				
	e	14	170	74	1000	0.037	-	-				
C,18	a	4	48	86	1400	0.046	-	-				
	b	8	97	84	1300	0.044	-	-				
	c	8	97	96	1700	0.053	-	-	0.5	1	6.0	9
	d	10	120	56	490	0.024	-	-				
	e	8	97	62	670	0.029	-	-				
C,21	a	12	150	60	610	0.027	-	-				
	b	8	97	118	2400	0.069	-	-	0	0	5.5	8
	c	12	150	80	1200	0.042	-	-				
	d	12	150	86	1400	0.046	-	-				
	e	8	97	96	1700	0.053	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10,6 to 14,8 µR/h)

SURVE (s) C.P./G.F. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID - 08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,24	a	6	73	80	1200	0.042	-	-				
	b	8	97	64	730	0.030	-	-				
	c	10	126	98	1800	0.054	-	-	1.5	4	2.0	2
	d	12	150	58	550	0.026	-	-				
	e	4	48	48	240	0.019	-	-				
C,27	a	2	24	62	670	0.029	-	-				
	b	6	73	124	2600	0.073	-	-				
	c	4	48	106	2000	0.060	-	-	1.5	4	3.5	5
	d	6	73	52	370	0.022	-	-				
	e	0	0	78	1200	0.040	-	-				
D,0	a	0	0	62	670	0.029	-	-				
	b	6	73	66	790	0.032	-	-				
	c	6	73	62	670	0.029	-	-	0	0	3.5	5
	d	4	48	80	1200	0.042	-	-				
	e	2	24	54	430	0.023	-	-				
D,3	a	2	24	64	730	0.030	-	-				
	b	4	48	78	1200	0.040	-	-				
	c	6	73	58	550	0.026	-	-				
	d	4	48	64	730	0.030	-	-				
	e	4	48	72	980	0.036	-	-	0.5	1	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) G.F./C.P. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,6	a	6	73	48	240	0019	-	-				
	b	4	48	84	1300	0044	-	-				
	c	4	48	80	1200	0.042	-	-				
	d	10	120	66	790	0.032	-	-	1.0	2	3.0	4
	e	2	24	62	670	0.029	-	-				
D,9	a	8	97	66	790	0.032	-	-				
	b	8	97	44	120	0.016	-	-				
	c	8	97	60	610	0027	-	-				
	d	2	24	44	120	0016	-	-				
	e	6	73	74	1000	0.037	-	-	1.5	4	4.5	6
D,12	a	8	97	74	1000	0.037	-	-				
	b	16	190	66	790	0.032	-	-	0	0	1.5	1
	c	6	73	54	430	0023	-	-				
	d	4	49	68	850	0.033	-	-				
	e	16	190	68	850	0.033	-	-				
D,15	a	6	73	68	850	0.033	-	-				
	b	4	48	74	1000	0.037	-	-				
	c	6	73	52	370	0022	-	-	0	0	2.5	3
	d	4	48	64	730	0.030	-	-				
	e	0	0	64	730	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D - 08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,18	a	16	190	78	1200	0.040	-	-	2.0	5	2.0	2
	b	8	97	108	2100	0.062	-	-				
	c	10	120	74	1000	0.037	-	-				
	d	8	97	72	980	0.036	-	-				
	e	12	150	90	1500	0.049	-	-				
D,21	a	0	0	70	920	0.034	-	-				
	b	12	150	94	1600	0.052	-	-	2.0	5	3.5	5
	c	8	97	86	1400	0.046	-	-				
	d	2	24	72	980	0.036	-	-				
	e	10	120	58	550	0.026	-	-				
D,24	a	8	97	74	1000	0.037	-	-				
	b	12	150	38	0	0.013	-	-				
	c	4	48	54	430	0.023	-	-				
	d	16	190	68	850	0.033	-	-	1.0	2	3.5	5
	e	8	97	66	790	0.032	-	-				
D,27	a	4	48	44	120	0.016	-	-				
	b	10	120	84	1300	0.044	-	-				
	c	10	120	96	1700	0.053	-	-				
	d	12	150	88	1500	0.047	-	-	0.5	1	4.0	5
	e	4	48	72	980	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.E. DATE 9-15-93

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,0	a	6	73	54	430	0.023	-	-				
	b	2	24	80	1200	0.042	-	-				
	c	0	0	78	1200	0.040	-	-				
	d	4	48	78	1200	0.040	-	-				
	e	6	73	74	1000	0.037	-	-	0	0	3.0	4
E,3	a	0	0	64	730	0.030	-	-				
	b	2	24	60	610	0.027	-	-				
	c	2	24	68	850	0.033	-	-				
	d	0	0	68	850	0.033	-	-				
	e	6	73	64	730	0.030	-	-	1.5	4	1.0	0
E,6	a	4	48	52	370	0.022	-	-				
	b	0	0	62	670	0.029	-	-				
	c	0	0	70	920	0.034	-	-				
	d	4	48	58	550	0.026	-	-	0	0	3.0	4
	e	0	0	82	1300	0.043	-	-				
E,9	a	4	48	58	550	0.026	-	-				
	b	0	0	54	430	0.023	-	-				
	c	0	0	78	1200	0.040	-	-				
	d	4	48	64	730	0.030	-	-				
	e	4	48	64	730	0.030	-	-	0.5	1	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.E. DATE 9-14-93

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,12	a	2	24	76	1100	0.039	-	-				
	b	6	73	60	610	0027	-	-				
	c	12	150	70	920	0.034	-	-	1.0	2	4.0	5
	d	2	24	54	430	0023	-	-				
	e	4	44	68	850	0.033	-	-				
E,15	a	2	24	78	1200	0.040	-	-				
	b	2	24	58	550	0.026	-	-				
	c	4	44	60	610	0027	-	-				
	d	0	0	70	920	0034	-	-				
	e	8	97	54	430	0023	-	-	0.5	1	2.5	3
E,18	a	8	97	42	61	0014	-	-				
	b	8	97	96	1700	0.053	-	-	1.0	2	4.5	6
	c	2	24	68	850	0.033	-	-				
	d	4	48	72	980	0.036	-	-				
	e	0	0	64	730	0030	-	-				
E,21	a	0	0	52	370	0.022	-	-				
	b	2	24	58	550	0026	-	-				
	c	4	48	74	1000	0.037	-	-	0	0	8.5	14
	d	2	24	56	490	0024	-	-				
	e	2	24	60	610	0027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) C.P./G.F. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,24	a	6	73	56	490	0024	-	-				
	b	6	73	70	920	0034	-	-	1.0	2	2.0	2
	c	6	73	62	670	0029	-	-				
	d	2	24	58	550	0026	-	-				
	e	2	24	50	310	0020	-	-				
E,27	a	0	0	68	850	0033	-	-				
	b	2	24	58	550	0026	-	-				
	c	0	0	52	370	0022	-	-				
	d	2	24	74	1000	0037	-	-				
	e	2	24	68	850	0033	-	-	0	0	4.0	5
F,0	a	2	24	92	1600	0050	-	-	0	0	3.0	4
	b	2	24	62	670	0029	-	-				
	c	4	48	68	850	0033	-	-				
	d	0	0	68	850	0033	-	-				
	e	2	24	64	730	0030	-	-				
F,3	a	2	24	46	180	0017	-	-				
	b	0	0	70	920	0034	-	-				
	c	6	73	78	1200	0040	-	-	0.5	1	3.5	5
	d	2	24	70	920	0034	-	-				
	e	0	0	68	850	0033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) C.P./G.F. DATE 9-14-83, 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,6	a	2	24	80	1200	0.042	-	-				
	b	4	48	76	1100	0.039	-	-	0.5	1	2.5	3
	c	6	73	44	120	0.016	-	-				
	d	4	48	66	790	0.32	-	-				
	e	6	73	52	370	0.022	-	-				
F,9	a	2	24	60	610	0.027	-	-				
	b	4	48	76	1100	0.039	-	-				
	c	2	24	66	790	0.032	-	-				
	d	2	24	74	1000	0.037	-	-				
	e	8	97	64	730	0.030	-	-	0.5	1	4.5	6
F,12	a	6	73	70	920	0.034	-	-	2.0	5	4.5	6
	b	0	0	72	980	0.036	-	-				
	c	4	48	80	1200	0.042	-	-				
	d	4	48	46	180	0.017	-	-				
	e	0	0	70	920	0.034	-	-				
F,15	a	4	48	60	610	0.027	-	-				
	b	4	48	96	1700	0.053	-	-				
	c	4	48	74	1000	0.037	-	-				
	d	0	0	54	430	0.023	-	-				
	e	6	73	86	1400	0.046	-	-	2.5	7	5.5	8

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,18	a	4	48	58	550	0.026	-	-				
	b	6	73	42	61	0.014	-	-				
	c	4	48	82	1300	0.043	-	-	1.5	4	4.0	5
	d	4	48	50	310	0.020	-	-				
	e	2	24	78	1200	0.040	-	-				
F,21	a	8	97	96	1700	0.053	-	-				
	b	8	97	76	1100	0.039	-	-				
	c	8	97	66	790	0.032	-	-				
	d	10	120	76	1100	0.039	-	-	1.5	4	4.5	6
	e	4	48	74	1000	0.037	-	-				
F,24	a	6	73	58	550	0.026	-	-				
	b	4	48	60	610	0.027	-	-	1.0	2	4.0	5
	c	0	0	64	730	0.030	-	-				
	d	2	24	110	2100	0.063	-	-				
	e	2	24	64	730	0.030	-	-				
F,27	a	2	24	70	920	0.034	-	-				
	b	0	0	70	920	0.034	-	-				
	c	0	0	64	730	0.030	-	-				
	d	0	0	56	490	0.024	-	-				
	e	4	48	96	1700	0.053	-	-	1.5	4	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,18	a	2	24	50	310	0.020	-	-				
	b	0	0	58	550	0026	-	-				
	c	6	73	48	240	0.019	-	-				
	d	4	48	58	550	0026	-	-				
	e	4	48	68	850	0.33	-	-	1.0	2	2.5	3
K,21	a	2	24	66	790	0.032	-	-				
	b	2	24	82	1300	0043	-	-	0.5	1	3.5	5
	c	2	24	62	670	0029	-	-				
	d	0	0	64	730	0.030	-	-				
	e	6	73	58	550	0026	-	-				
K,24	a	8	97	80	1200	0042	-	-				
	b	10	120	78	1200	0040	-	-				
	c	14	170	56	490	0024	-	-	1.5	4	7.0	11
	d	4	48	66	790	0.032	-	-				
	e	2	24	76	1100	0.039	-	-				
K,27	a	8	97	56	490	0024	-	-				
	b	2	24	54	430	0023	-	-				
	c	2	24	66	790	0.032	-	-				
	d	2	24	86	1400	0.046	-	-				
	e	10	120	62	670	0029	-	-	1.0	2	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY: (s) C.P. / G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,18	a	2	24	52	370	0.022	-	-				
	b	6	73	62	670	0029	-	-				
	c	16	190	60	610	0027	-	-	1.0	2	3.0	4
	d	4	48	44	120	0.016	-	-				
	e	4	44	46	180	0.017	-	-				
L,21	a	2	24	44	120	0.016	-	-				
	b	4	48	50	310	0.020	-	-				
	c	4	48	64	730	0030	-	-				
	d	2	24	52	370	0.022	-	-				
	e	4	48	84	1300	0044	-	-	0.5	1	6.5	10
L,24	a	2	24	64	730	0030	-	-				
	b	2	24	72	980	0.036	-	-				
	c	2	24	68	850	0.033	-	-				
	d	6	73	70	920	0.034	-	-	0	0	3.5	5
	e	2	24	76	1100	0.039	-	-				
L,27	a	4	48	90	1500	0049	-	-	0	0	4.0	5
	b	0	0	76	1100	0.039	-	-				
	c	4	48	64	730	0030	-	-				
	d	2	24	74	1000	0037	-	-				
	e	2	24	64	730	0030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY: (s) G.P. / G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY LSG - Phase II ROOM / AREA IID-08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,24	a	2	24	70	920	0.034	-	-				
	b	4	48	56	490	0.024	-	-	0	0	3.5	5
	c						-	-				
	d						-	-				
	e						-	-				
A,0	a	2	24	44	120	0.016	-	-	0.5	1	5.5	8
	b	0	0	28	0	0.013	-	-				
	c	0	0	44	120	0.016	-	-				
	d	0	0	60	610	0.027	-	-				
	e	0	0	30	0	0.013	-	-				
A,3	a	0	0	42	61	0.014	-	-	1.0	2	5.5	8
	b	0	0	40	0	0.013	-	-				
	c	0	0	32	0	0.013	-	-				
	d	0	0	26	0	0.013	-	-				
	e	0	0	40	0	0.013	-	-				
A,6	a	2	24	38	0	0.013	-	-	0	0	2.0	2
	b	0	0	30	0	0.013	-	-				
	c	0	0	44	120	0.016	-	-				
	d	2	24	32	0	0.013	-	-				
	e	2	24	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) C.P./P.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,9	a	0	0	30	0	0.013	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	44	120	0.016	-	-				
	d	4	48	44	120	0.016	-	-	1.0	2	4.5	6
	e	0	0	30	0	0.013	-	-				
A,15	a	2	24	58	550	0.026	-	-				
	b	0	0	36	0	0.013	-	-				
	c	2	24	24	0	0.013	-	-				
	d	4	48	32	0	0.013	-	-	2.0	5	8.0	13
	e	0	0	40	0	0.013	-	-				
A,27	a	2	24	74	1000	0.037	-	-				
	b	0	0	56	490	0.024	-	-				
	c	0	0	52	370	0.022	-	-				
	d	2	24	110	2100	0.063	-	-	0.5	1	5.5	8
	e	0	0	66	790	0.032	-	-				
B,27	a	2	24	44	120	0.016	-	-				
	b	2	24	50	310	0.020	-	-				
	c	2	24	64	730	0.030	-	-	0.5	1	4.5	6
	d	2	24	52	370	0.022	-	-				
	e	0	0	60	610	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) C.P./P.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,18	a	6	73	62	670	0029	-	-				
	b	4	48	86	1400	0046	-	-	1.0	2	2.5	3
	c	0	0	72	980	0036	-	-				
	d	0	0	70	920	0034	-	-				
	e	4	48	74	1000	0037	-	-				
G,21	a	4	48	76	1100	0039	-	-	1.0	2	4.0	5
	b	0	0	52	370	0022	-	-				
	c	4	48	60	610	0027	-	-				
	d	2	24	80	1200	0042	-	-				
	e	6	73	64	730	0030	-	-				
G,24	a	2	24	62	670	0029	-	-				
	b	2	24	58	550	0026	-	-				
	c	6	73	72	980	0036	-	-	3.5	10	2.5	3
	d	0	0	52	370	0022	-	-				
	e	0	0	80	1200	0042	-	-				
G,27	a	0	0	90	1500	0049	-	-				
	b	0	0	56	490	0024	-	-				
	c	0	0	66	790	0032	-	-				
	d	2	24	62	670	0029	-	-				
	e	4	48	62	670	0029	-	-	0.5	1	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) C.P./G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,18	a	6	73	58	550	0026	-	-				
	b	8	97	74	1000	0037	-	-	3.5	10	5.0	7
	c	4	48	74	1000	0037	-	-				
	d	2	24	52	370	0022	-	-				
	e	2	24	80	1206	0042	-	-				
H,21	a	6	73	68	850	0033	-	-				
	b	10	120	74	1000	0037	-	-	1.5	4	2.5	3
	c	6	73	58	550	0026	-	-				
	d	2	24	68	850	0032	-	-				
	e	4	48	68	850	0032	-	-				
H,24	a	2	24	58	550	0026	-	-				
	b	4	48	68	850	0032	-	-				
	c	0	0	72	980	0036	-	-				
	d	2	24	80	1200	0042	-	-	0.5	1	1.5	1
	e	2	24	56	490	0024	-	-				
H,27	a	0	0	56	490	0024	-	-				
	b	2	24	52	370	0022	-	-				
	c	0	0	80	1206	0042	-	-				
	d	4	48	52	370	0022	-	-				
	e	2	24	90	1500	0049	-	-	0.5	1	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) C.P./G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,18	a	4	48	56	490	0.024	-	-				
	b	0	0	82	1300	0.043	-	-				
	c	6	73	56	490	0.024	-	-	0.5	1	6.0	9
	d	2	24	62	670	0.029	-	-				
I,21	e	4	48	68	850	0.033	-	-	3.5	10	3.5	5
	a	8	97	78	1200	0.040	-	-				
	b	2	24	58	550	0.026	-	-				
	c	4	48	66	790	0.032	-	-				
	d	4	48	76	1100	0.039	-	-				
	e						-	-				
I,24	a	4	48	76	1100	0.039	-	-				
	b	4	48	60	610	0.027	-	-				
	c	0	0	66	790	0.032	-	-				
	d	6	73	64	730	0.030	-	-	0	0	2.0	2
	e	2	24	72	980	0.036	-	-				
I,27	a	8	97	58	550	0.026	-	-				
	b	6	73	78	1200	0.040	-	-	0	0	2.5	3
	c	6	73	64	730	0.030	-	-				
	d	0	0	78	1200	0.040	-	-				
	e	6	73	50	310	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) C.P./G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,18	a	4	48	68	850	0.033	-	-				
	b	6	73	54	430	0.023	-	-				
	c	4	48	72	980	0.036	-	-				
	d	6	73	78	1200	0.040	-	-	1.5	4	2.5	3
	e	0	0	54	430	0.023	-	-				
J,21	a	8	97	50	310	0.020	-	-				
	b	2	24	72	980	0.036	-	-				
	c	4	48	62	670	0.029	-	-				
	d	6	73	70	920	0.034	-	-	1.0	2	3.0	4
	e	0	0	82	1300	0.043	-	-				
J,24	a	0	0	64	730	0.030	-	-				
	b	4	48	66	790	0.032	-	-				
	c	2	24	46	180	0.017	-	-				
	d	6	73	64	730	0.030	-	-	0.5	1	2.5	3
	e	0	0	66	790	0.032	-	-				
J,27	a	6	73	74	1000	0.037	-	-				
	b	4	48	72	980	0.036	-	-				
	c	8	97	54	430	0.023	-	-				
	d	14	170	60	610	0.027	-	-	1.5	4	3.5	5
	e	2	24	64	730	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) C.P./G.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,27	a	0	0	52	310	0.022	-	-	0	0	5.0	7.0
	b	0	0	48	240	0.019	-	-				
	c	0	0	46	130	0.017	-	-				
	d	4	49	60	610	0.027	-	-				
	e	2	24	62	670	0.029	-	-				
D,27	a	2	24	44	120	0.016	-	-				
	b	0	0	36	0	0.013	-	-				
	c	2	24	64	730	0.030	-	-	1.0	2	6.5	10
	d	0	0	64	730	0.030	-	-				
	e	0	0	48	240	0.019	-	-				
E,27	a	0	0	46	180	0.017	-	-				
	b	0	0	62	670	0.029	-	-				
	c	2	24	54	430	0.023	-	-	0	0	4.0	5
	d	2	24	34	0	0.013	-	-				
	e	0	0	60	610	0.027	-	-				
F,27	a	0	0	68	850	0.033	-	-				
	b	4	48	60	610	0.027	-	-	0	0	2.0	2
	c	2	24	66	790	0.032	-	-				
	d	0	0	60	610	0.027	-	-				
	e	0	0	56	490	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(S) C.P./P.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,27	a	0	0	50	310	0.020	-	-				
	b	2	24	62	670	0.029	-	-				
	c	2	24	40	0	0.013	-	-				
	d	2	24	62	670	0.029	-	-	0	0	3.5	5
	e	2	24	42	61	0.014	-	-				
H,27	a	0	0	42	61	0.014	-	-				
	b	0	0	60	610	0.027	-	-				
	c	0	0	44	120	0.016	-	-				
	d	2	24	64	730	0.030	-	-	0	0	3.5	5
	e	0	0	38	0	0.013	-	-				
I,27	a	6	73	52	370	0.022	-	-	3.5	10	5.0	7.0
	b	4	48	60	610	0.027	-	-				
	c	2	24	50	310	0.020	-	-				
	d	2	24	60	610	0.027	-	-				
	e	4	48	54	430	0.023	-	-				
J,27	a	0	0	48	240	0.019	-	-				
	b	2	24	68	850	0.033	-	-	0	0	1.0	0
	c	2	24	52	370	0.022	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	62	670	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(S) C.P./A.T.B./G.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,27	a	2	24	38	0	0.013	-	-				
	b	2	24	48	240	0.019	-	-				
	c	4	48	48	240	0.019	-	-				
	d	0	0	46	180	0.017	-	-				
	e	6	73	46	180	0.017	-	-	0.5	1	1.5	1
L,27	a	6	73	44	120	0.016	-	-				
	b	6	73	40	0	0.013	-	-				
	c	6	73	56	490	0.024	-	-	1.5	4	2.0	2
	d	2	24	50	310	0.020	-	-				
	e	2	24	54	430	0.023	-	-				
G,3	a	6	73	34	0	0.013	-	-	2.0	5	3.5	5
	b	2	24	32	0	0.013	-	-				
	c	2	24	32	0	0.013	-	-				
	d	6	73	26	0	0.013	-	-				
	e	2	24	32	0	0.013	-	-				
G,6	a	2	24	32	0	0.013	-	-				
	b	0	0	34	0	0.013	-	-				
	c	2	24	50	310	0.020	-	-	0.5	1	3.5	5
	d	0	0	46	180	0.017	-	-				
	e	2	24	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) A.J.B./G.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,9	a	0	0	40	0	0.013	-	-				
	b	0	0	28	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	4	48	32	0	0.013	-	-	0	0	4.0	5
	e	4	48	24	0	0.013	-	-				
G,12	a	2	24	40	0	0.013	-	-				
	b	2	24	38	0	0.013	-	-				
	c	4	48	40	0	0.013	-	-				
	d	0	0	50	310	0.020	-	-				
	e	2	24	70	920	0.034	-	-				
G,15	a	0	0	38	0	0.013	-	-				
	b	2	24	66	790	0.032	-	-				
	c	2	24	48	240	0.019	-	-				
	d	2	24	36	0	0.013	-	-				
	e	0	0	44	120	0.016	-	-				
G,18	a	2	24	44	120	0.016	-	-				
	b	0	0	32	0	0.013	-	-				
	c	2	24	30	0	0.013	-	-				
	d	6	73	44	120	0.016	-	-				
	e	2	24	48	240	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) A.J.B./G.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-08

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,21	a	2	24	44	120	0.016	-	-				
	b	2	24	24	0	0.013	-	-				
	c	0	0	60	610	0.027	-	-				
	d	2	24	50	310	0.020	-	-	1.5	4	5.0	7
	e	0	0	46	180	0.017	-	-				
M,24	a	0	0	22	0	0.013	-	-				
	b	4	48	42	61	0.014	-	-	3.5	10	6.0	9
	c	2	24	32	0	0.013	-	-				
	d	2	24	24	0	0.013	-	-				
	e	6	73	36	0	0.013	-	-				
M,27	a	8	97	62	670	0.029	-	-	23.0	65	7.5	12
	b	6	73	38	0	0.013	-	-				
	c	4	48	50	310	0.020	-	-				
	d	2	24	44	120	0.016	-	-				
	e	2	24	32	0	0.013	-	-				
B,0	a	0	0	30	0	0.013	-	-				
	b	0	0	34	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-	0	0	3.0	4
	d	0	0	30	0	0.013	-	-				
	e	0	0	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) C.P./G.F./A.J.B./P.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,0	a	0	0	32	0	0.013	-	-				
	b	0	0	38	0	0.013	-	-				
	c	0	0	28	0	0.013	-	-				
	d	2	24	32	0	0.013	-	-	0	0	1.5	1
	e	0	0	34	0	0.013	-	-				
D,0	a	0	0	36	0	0.013	-	-				
	b	0	0	48	240	0.019	-	-				
	c	2	24	44	120	0.016	-	-				
	d	4	48	50	310	0.020	-	-	0.5	1	3.5	5
	e	0	0	42	61	0.014	-	-				
E,0	a	0	0	18	0	0.013	-	-				
	b	2	24	52	370	0.022	-	-	0	0	0	0
	c	0	0	38	0	0.013	-	-				
	d	2	24	42	61	0.014	-	-				
	e	0	0	48	240	0.019	-	-				
E,0	a	2	24	42	61	0.014	-	-				
	b	2	24	34	0	0.013	-	-				
	c	0	0	42	61	0.014	-	-				
	d	4	49	60	610	0.027	-	-	0.5	1	1.5	1
	e	0	0	58	550	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) C.P./P.F. DATE 9-16-83, 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID -08 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,0	a	0	0	38	0	0.013	-	-				
	b	0	0	48	240	0019	-	-				
	c	0	0	38	0	0.013	-	-				
	d	0	0	28	0	0.013	-	-				
	e	2	24	50	310	0.020	-	-	0.5	1	0.5	0
H,21	a	0	0	54	430	0.023	-	-				
	b	0	0	36	0	0.013	-	-				
	c	6	73	48	240	0.019	-	-	1.5	4	2.5	3
	d	2	24	48	240	0.019	-	-				
	e	0	0	28	0	0.013	-	-				
I 21	a	6	73	36	0	0.013	-	-	1.0	2	2.0	2
	b	2	24	28	0	0.013	-	-				
	c	2	24	52	370	0022	-	-				
	d	0	0	52	370	0022	-	-				
	e	2	24	40	0	0013	-	-				
J,21	a	0	0	46	180	0017	-	-				
	b	2	24	50	310	0020	-	-	0	0	1.0	0
	c	2	24	42	61	0014	-	-				
	d	0	0	46	180	0017	-	-				
	e	0	0	52	370	0022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10,6 to 14,8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-16-83, 9-17-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,0	a	2	24	54	430	0.023	-	-				
	b	0	0	72	980	0.036	-	-	1.0	2	1.5	1
	c	4	48	44	120	0016	-	-				
	d	0	0	62	670	0029	-	-				
	e	0	0	66	790	0032	-	-				
A,3	a	0	0	50	310	0020	-	-				
	b	4	48	52	370	0022	-	-				
	c	12	150	44	120	0016	-	-	1.0	2	2.0	2
	d	0	0	42	61	0014	-	-				
	e	4	48	62	670	0029	-	-				
A,6	a	0	0	64	730	0030	-	-				
	b	2	24	80	1200	0042	-	-				
	c	6	73	64	730	0030	-	-	0	0	5.0	7
	d	0	0	60	610	0027	-	-				
	e	0	0	62	670	0029	-	-				
A,9	a	6	73	50	310	0020	-	-				
	b	6	73	38	0	0.013	-	-				
	c	8	97	50	310	0020	-	-				
	d	6	73	60	610	0027	-	-				
	e	12	150	44	120	0016	-	-	1.5	4	5.0	7

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10,6 to 14,8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-19-83, 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,12	a	2	24	56	490	0.024	-	-				
	b	0	0	62	670	0.029	-	-				
	c	8	97	66	790	0.032	-	-	0	0	0.5	0
	d	2	24	54	430	0.023	-	-				
	e	0	0	58	550	0.026	-	-				
A,15	a	2	24	58	550	0.026	-	-				
	b	0	0	56	490	0.024	-	-				
	c	0	0	54	430	0.023	-	-				
	d	8	97	58	550	0.026	-	-	2.0	5	3.5	5
	e	2	24	62	670	0.029	-	-				
A,18	a	0	0	56	490	0.024	-	-				
	b	4	48	46	180	0.017	-	-				
	c	4	49	56	490	0.024	-	-	1.0	2	4.0	5
	d	0	0	54	430	0.023	-	-				
	e	4	48	40	0	0.013	-	-				
A,21	a	2	24	54	430	0.023	-	-				
	b	2	24	48	240	0.019	-	-				
	c	4	48	58	550	0.026	-	-	0.5	1	4.5	6
	d	2	24	40	0	0.013	-	-				
	e	2	24	48	240	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,24	a	2	24	80	1200	0.042	-	-	0.5	1	2.5	3
	b	2	24	56	490	0.024	-	-				
	c	2	24	54	430	0.023	-	-				
	d	2	24	62	670	0.029	-	-				
	e	2	24	52	370	0.022	-	-				
B,0	a	0	0	44	120	0.016	-	-				
	b	4	48	46	180	0.017	-	-				
	c	12	156	36	0	0.013	-	-	4.0	11	2.0	2
	d	10	120	54	430	0.023	-	-				
	e	6	73	44	120	0.016	-	-				
B,3	a	2	24	74	1000	0.037	-	-	0	0	1.0	0
	b	2	24	42	61	0.014	-	-				
	c	0	0	56	490	0.024	-	-				
	d	0	0	50	310	0.020	-	-				
	e	0	0	74	1000	0.037	-	-				
B,6	a	12	150	66	790	0.032	-	-				
	b	14	170	54	430	0.023	-	-	4.0	11	4.0	5
	c	4	48	52	370	0.022	-	-				
	d	8	97	52	370	0.022	-	-				
	e	12	150	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-19-83, 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,9	a	14	170	48	240	0.019	-	-	2.0	5	3.0	4
	b	14	170	30	0	0.013	-	-				
	c	12	150	46	180	0.017	-	-				
	d	6	73	32	0	0.013	-	-				
	e	8	97	58	550	0.026	-	-				
B,12	a	18	220	44	120	0.016	-	-	2.5	7	3.0	4
	b	6	73	48	240	0.019	-	-				
	c	6	73	38	0	0.013	-	-				
	d	8	97	38	0	0.013	-	-				
	e	6	73	58	550	0.026	-	-				
B,15	a	4	48	52	370	0.022	-	-				
	b	6	73	46	180	0.017	-	-				
	c	6	73	66	790	0.032	-	-				
	d	4	48	44	120	0.016	-	-				
	e	12	150	56	490	0.024	-	-	0.5	1	1.0	0
B,18	a	8	97	52	370	0.022	-	-				
	b	16	190	64	730	0.030	-	-				
	c	18	220	58	550	0.026	-	-				
	d	14	170	78	1200	0.040	-	-	3.5	10	5.0	7
	e	6	73	60	610	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,21	a	18	220	50	310	0.020	-	-				
	b	28	340	34	0	0.013	-	-				
	c	20	240	56	490	0.024	-	-				
	d	20	240	60	610	0.027	-	-				
	e	26	320	52	370	0.022	-	-	1.0	2	4.0	5
B,24	a	12	150	60	610	0.027	-	-				
	b	14	170	56	490	0.024	-	-	0	0	2.0	2
	c	10	120	52	370	0.022	-	-				
	d	8	97	42	61	0.014	-	-				
	e	12	150	52	370	0.022	-	-				
C,0	a	0	0	74	1000	0.037	-	-				
	b	0	0	58	550	0.026	-	-				
	c	0	0	44	120	0.016	-	-				
	d	0	0	80	1200	0.042	-	-	0	0	4.0	5
	e	0	0	66	790	0.032	-	-				
C,3	a	8	97	30	0	0.013	-	-	1.0	2	2.0	2
	b	4	44	38	0	0.013	-	-				
	c	0	0	54	430	0.023	-	-				
	d	0	0	40	0	0.013	-	-				
	e	2	24	50	310	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0,15 c/m (e) @ 1,2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,6	a	0	0	60	610	0.027	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	60	610	0.027	-	-				
	d	4	48	76	1100	0.039	-	-	0.5	1	1.5	1
	e	0	0	60	610	0.027	-	-				
C,9	a	0	0	38	0	0.013	-	-				
	b	14	170	42	61	0.014	-	-				
	c	4	48	56	490	0.024	-	-				
	d	16	190	64	730	0.030	-	-	1.0	2	4.0	5
	e	0	0	42	61	0.014	-	-				
C,12	a	10	120	38	0	0.013	-	-				
	b	8	97	48	240	0.019	-	-				
	c	6	73	40	0	0.013	-	-				
	d	8	97	52	370	0.022	-	-				
	e	16	190	48	240	0.019	-	-	5.0	14	5.5	8
C,15	a	116	1400	58	550	0.026	-	-	2.0	5	3.5	5
	b	78	940	52	370	0.022	-	-				
	c	0	0	42	61	0.014	-	-				
	d	18	220	44	120	0.016	-	-				
	e	6	73	50	310	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,18	a	28	340	60	610	0.027	-	-	5.0	14	7.5	12
	b	22	270	54	430	0.023	-	-				
	c	6	73	68	850	0.033	-	-				
	d	10	120	72	980	0.036	-	-				
	e	8	97	46	180	0.017	-	-				
C,21	a	36	440	52	370	0.022	-	-	2.5	7	3.5	5
	b	10	120	46	180	0.017	-	-				
	c	14	170	68	850	0.033	-	-				
	d	14	170	70	920	0.034	-	-				
	e	16	190	44	120	0.016	-	-				
C,24	a	8	97	34	0	0.013	-	-				
	b	4	48	50	310	0.020	-	-				
	c	10	120	36	0	0.013	-	-				
	d	10	120	32	0	0.013	-	-				
	e	10	120	36	0	0.013	-	-	0.5	1	3.5	5
D,0	a	0	0	58	550	0.026	-	-				
	b	2	24	42	61	0.014	-	-				
	c	0	0	74	1000	0.037	-	-				
	d	0	0	52	370	0.022	-	-				
	e	2	24	50	310	0.020	-	-	0.5	1	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9/19/83, 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,3	a	4	48	56	490	0.024	-	-	0	0	3.5	5
	b	4	48	32	0	0.013	-	-				
	c	0	0	50	310	0.020	-	-				
	d	0	0	38	0	0.013	-	-				
	e	2	24	46	180	0.017	-	-				
D,6	a	2	24	56	490	0.024	-	-				
	b	0	0	62	670	0.029	-	-				
	c	0	0	62	670	0.029	-	-				
	d	0	0	74	1000	0.037	-	-				
	e	4	48	50	310	0.020	-	-	0	0	2.5	3
D,9	a	0	0	44	120	0.016	-	-				
	b	2	24	26	0	0.013	-	-				
	c	2	24	50	310	0.020	-	-				
	d	0	0	54	430	0.023	-	-				
	e	2	24	62	670	0.029	-	-	0	0	3.0	4
D,12	a	4	48	54	430	0.023	-	-	0	0	2.0	2
	b	0	0	42	61	0.014	-	-				
	c	4	48	36	0	0.013	-	-				
	d	2	24	42	61	0.014	-	-				
	e	4	48	48	240	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,15	a	4	48	40	0	0.013	-	-				
	b	2	24	40	0	0.013	-	-				
	c	2	24	36	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	8	97	32	0	0.013	-	-	1.5	4	4.0	5
D,18	a	10	120	56	490	0.024	-	-	0.5	1	4.0	5
	b	2	24	34	0	0.013	-	-				
	c	6	73	60	610	0.027	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	42	61	0.014	-	-				
D,21	a	2	24	44	120	0.016	-	-				
	b	0	0	42	61	0.014	-	-				
	c	0	0	46	180	0.017	-	-				
	d	0	0	58	550	0.026	-	-	0	0	3.0	4
	e	0	0	58	550	0.026	-	-				
D,24	a	2	24	62	670	0.029	-	-				
	b	4	48	48	240	0.019	-	-	0	0	2.5	3
	c	0	0	66	790	0.032	-	-				
	d	0	0	50	310	0.020	-	-				
	e	0	0	62	670	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B./G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D,27	a	12	150	38	6	0.013	-	-	1.0	2	6.0	9
	b	8	97	38	0	0.013	-	-				
	c	2	24	32	0	0.013	-	-				
	d	4	48	52	370	0.022	-	-				
	e	6	73	48	240	0.019	-	-				
E,0	a	2	24	44	120	0.016	-	-				
	b	0	0	38	0	0.013	-	-				
	c	2	24	52	370	0.022	-	-	0	0	3.5	5
	d	4	48	24	0	0.013	-	-				
	e	0	0	54	430	0.023	-	-				
E,3	a	0	0	54	430	0.023	-	-				
	b	0	0	52	370	0.022	-	-				
	c	2	24	50	310	0.020	-	-				
	d	0	0	58	550	0.026	-	-				
	e	0	0	64	730	0.030	-	-	1.0	2	3.0	4
E,6	a	0	0	44	120	0.016	-	-				
	b	8	97	36	0	0.013	-	-				
	c	4	48	58	550	0.026	-	-				
	d	0	0	26	0	0.013	-	-				
	e	4	48	68	850	0.033	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) A.J.B./G.F./P.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,9	a	0	0	26	0	0.013	-	-				
	b	2	24	28	0	0.013	-	-				
	c	0	0	50	310	0.020	-	-				
	d	6	73	46	180	0.017	-	-				
	e	2	24	58	550	0.026	-	-	0	0	1.5	1
E,12	a	0	0	50	310	0.020	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	72	980	0.036	-	-	0	0	3.5	5
	d	6	0	66	850	0.033	-	-				
	e	0	0	52	370	0.022	-	-				
E,15	a	4	48	42	61	0.014	-	-				
	b	8	97	46	180	0.017	-	-	1.0	2	4.0	5
	c	4	48	42	61	0.014	-	-				
	d	2	24	28	0	0.013	-	-				
	e	4	48	32	0	0.013	-	-				
E,18	a	0	0	84	1300	0.044	-	-	0	0	3.0	4
	b	0	0	52	370	0.022	-	-				
	c	0	0	60	610	0.027	-	-				
	d	0	0	54	430	0.023	-	-				
	e	4	48	50	310	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) P.F./G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,21	a	2	24	42	61	0.014	-	-				
	b	2	24	34	0	0.013	-	-				
	c	4	48	38	490	0.024	-	-				
	d	2	24	48	240	0.019	-	-				
	e	2	24	60	616	0.027	-	-	0	0	3.0	4
E,24	a	4	48	58	550	0.026	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	72	980	0.036	-	-	0.5	1	3.5	5
	d	0	0	50	310	0.020	-	-				
	e	2	24	38	0	0.013	-	-				
E,0	a	2	24	66	790	0.032	-	-	0	0	4.0	5
	b	0	0	60	616	0.027	-	-				
	c	0	0	64	730	0.030	-	-				
	d	0	0	68	850	0.033	-	-				
	e	0	0	48	240	0.019	-	-				
E,3	a	0	0	50	310	0.020	-	-				
	b	6	73	48	240	0.019	-	-	0.5	1	2.0	2
	c	2	24	26	0	0.013	-	-				
	d	2	24	44	120	0.016	-	-				
	e	0	0	48	240	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) A.J.B / G.F. / P.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,6	a	0	0	58	550	0.026	-	-				
	b	4	48	58	550	0.026	-	-	1.0	2	3.0	4
	c	6	73	50	310	0.020	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	52	370	0.022	-	-				
F,9	a	2	24	46	180	0.017	-	-				
	b	4	48	46	180	0.017	-	-				
	c	0	0	44	120	0.016	-	-				
	d	0	0	48	240	0.019	-	-				
	e	2	24	54	430	0.023	-	-	0.5	1	3.5	5
F,12	a	0	0	64	730	0.030	-	-				
	b	2	24	64	730	0.030	-	-	0.5	1	3.5	5
	c	0	0	52	370	0.022	-	-				
	d	2	24	68	850	0.033	-	-				
	e	0	0	50	310	0.020	-	-				
F,15	a	8	97	58	550	0.026	-	-				
	b	8	97	52	490	0.024	-	-				
	c	16	190	58	550	0.026	-	-	0	0	4.5	6
	d	2	24	46	180	0.017	-	-				
	e	12	150	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) P.F. / A.J.B. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,18	a	0	0	50	310	0.020	-	-				
	b	2	24	48	240	0.019	-	-				
	c	0	0	50	310	0.020	-	-	0	0	1.5	1
	d	6	73	36	0	0.013	-	-				
	e	4	48	46	180	0.017	-	-				
F,21	a	2	24	62	670	0.029	-	-				
	b	0	0	54	430	0.023	-	-				
	c	0	0	66	790	0.032	-	-				
	d	0	0	60	610	0.027	-	-				
	e	0	0	66	790	0.032	-	-	0	0	3.5	5
F,24	a	0	0	70	920	0.034	-	-	0	0	2.0	2
	b	4	48	50	310	0.020	-	-				
	c	0	0	62	670	0.029	-	-				
	d	0	0	62	670	0.029	-	-				
	e	0	0	68	850	0.033	-	-				
F,27	a	6	73	46	180	0.017	-	-	0	0	3.5	5
	b	6	73	32	0	0.013	-	-				
	c	4	48	46	180	0.017	-	-				
	d	8	97	46	180	0.017	-	-				
	e	2	24	28	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) P.F./G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,18	a	2	24	70	920	0.034	-	-				
	b	2	24	54	430	0.023	-	-				
	c	0	0	64	730	0.030	-	-	1.5	4	1.0	0
	d	2	24	56	490	0.024	-	-				
	e	0	0	44	120	0.016	-	-				
G,21	a	0	0	52	370	0.022	-	-				
	b	2	24	66	790	0.032	-	-	1.0	2	2.0	2
	c	4	48	38	0	0.013	-	-				
	d	12	150	54	430	0.023	-	-				
	e	4	48	46	180	0.017	-	-				
G,24	a	2	24	52	370	0.022	-	-				
	b	2	24	56	490	0.024	-	-				
	c	0	0	84	1300	0.044	-	-	1.0	2	2.0	2
	d	0	0	54	430	0.023	-	-				
	e	0	0	50	310	0.020	-	-				
H,18	a	0	0	52	370	0.022	-	-				
	b	0	0	40	0	0.013	-	-				
	c	2	24	48	240	0.019	-	-				
	d	0	0	50	310	0.020	-	-				
	e	4	48	74	1000	0.037	-	-	0	0	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) P.F./G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,21	a	10	120	66	790	0.032	-	-	0	0	0.5	0
	b	6	73	46	180	0.017	-	-				
	c	8	97	64	730	0.030	-	-				
	d	4	48	40	0	0.013	-	-				
	e	2	24	46	180	0.017	-	-				
H,24	a	6	73	68	850	0.033	-	-	1.0	2	5.0	7
	b	10	126	54	430	0.023	-	-				
	c	2	24	52	370	0.022	-	-				
	d	6	73	44	120	0.016	-	-				
	e	8	97	34	0	0.013	-	-				
I,18	a	2	24	58	550	0.026	-	-	0.5	1	5.5	8
	b	0	0	54	430	0.023	-	-				
	c	0	0	54	430	0.023	-	-				
	d	0	0	36	0	0.013	-	-				
	e	0	0	44	120	0.016	-	-				
I,21	a	6	73	60	610	0.027	-	-				
	b	10	120	64	730	0.030	-	-	1.0	2	3.5	5
	c	14	170	60	610	0.027	-	-				
	d	12	150	42	61	0.014	-	-				
	e	10	120	52	370	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) P.E./G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11D-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,24	a	16	190	42	61	0.029	-	-				
	b	28	340	58	550	0.026	-	-	2.0	5	4.5	6
	c	14	170	64	730	0.030	-	-				
	d	16	190	48	240	0.019	-	-				
	e	14	170	50	310	0.020	-	-				
I,27	a	26	320	56	490	0.024	-	-				
	b	38	460	40	0	0.013	-	-				
	c	50	610	44	120	0.016	-	-				
	d	60	730	52	370	0.022	-	-	35.0	100	15.5	28
	e	44	530	42	61	0.014	-	-				
J,18	a	0	0	68	850	0.033	-	-				
	b	2	24	64	730	0.030	-	-				
	c	2	24	80	1200	0.042	-	-				
	d	0	0	52	370	0.022	-	-				
	e	2	24	80	1200	0.042	-	-	0.5	1	2.0	2
J,21	a	6	73	52	370	0.022	-	-				
	b	10	120	44	120	0.016	-	-				
	c	10	120	54	430	0.023	-	-				
	d	4	48	48	240	0.019	-	-				
	e	12	150	40	0	0.013	-	-	0	0	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) G.F./P.E. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,24	a	4	48	72	980	0.036	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	78	1200	0.040	-	-	0	0	1.0	0
	d	0	0	40	0	0.013	-	-				
	e	0	0	70	920	0.034	-	-				
K,18	a	2	24	60	610	0.027	-	-	0	0	3.0	4
	b	0	0	32	0	0.013	-	-				
	c	2	24	52	370	0.022	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	56	490	0.024	-	-				
K,21	a	2	24	40	0	0.013	-	-				
	b	18	220	54	430	0.023	-	-				
	c	26	320	66	790	0.032	-	-	0	0	4.5	6
	d	24	290	60	610	0.027	-	-				
	e	26	320	60	610	0.027	-	-				
K,24	a	2	24	54	430	0.023	-	-				
	b	8	97	50	310	0.020	-	-				
	c	6	73	28	0	0.013	-	-				
	d	4	48	32	0	0.013	-	-				
	e	8	97	50	310	0.020	-	-	1.5	4	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) G.F. / P.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA IID-08 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,18	a	0	0	54	430	0.023	-	-				
	b	4	48	58	550	0.026	-	-				
	c	0	0	88	1500	0.047	-	-	0.5	1	3.5	5
	d	0	0	48	240	0.019	-	-				
	e	0	0	70	920	0.034	-	-				
L,21	a	4	48	34	0	0.013	-	-				
	b	4	48	42	61	0.014	-	-				
	c	0	0	56	490	0.024	-	-	0.5	1	1.5	1
	d	2	24	40	0	0.013	-	-				
	e	6	73	34	0	0.013	-	-				
L,24	a	6	73	62	670	0.029	-	-				
	b	4	48	74	1000	0.037	-	-	0.5	1	1.5	1
	c	0	0	46	180	0.017	-	-				
	d	2	24	46	180	0.017	-	-				
	e	2	24	36	0	0.013	-	-				
L,27	a	0	0	32	0	0.013	-	-				
	b	2	24	36	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	2	24	48	240	0.019	-	-	2.0	5	4.0	5
	e	2	24	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY s) P.F. / G.F. DATE 9/20/83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B - 35 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,12	a	2	24	66	790	0.032	-	-				
	b	2	24	54	430	0.023	-	-				
	c	2	24	82	1300	0.043	-	-	0	0	3.0	4
	d	2	24	68	850	0.033	-	-				
	e	0	0	78	1200	0.040	-	-				
H,3	a	2	24	64	730	0.030	-	-				
	b	4	48	54	430	0.023	-	-				
	c	4	48	62	670	0.029	-	-	0	0	2.5	3
	d	0	0	58	550	0.026	-	-				
	e	0	0	56	490	0.024	-	-				
H,6	a	2	24	64	730	0.030	-	-				
	b	2	24	80	1200	0.042	-	-	0	0	4.0	5
	c	0	0	64	730	0.030	-	-				
	d	4	48	68	850	0.033	-	-				
	e	2	24	62	670	0.029	-	-				
H,9	a	2	24	72	980	0.036	-	-				
	b	2	24	78	1200	0.040	-	-	0	0	5.0	7
	c	2	24	70	920	0.034	-	-				
	d	0	0	76	1100	0.039	-	-				
	e	0	0	68	850	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY: P.W.F./A.J.B DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B - 35 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,12	a	0	0	54	430	0.023	-	-				
	b	0	0	74	1000	0.037	-	-				
	c	4	48	66	790	0.032	-	-	0	0	2.5	3
	d	0	0	70	920	0.034	-	-				
	e	2	24	70	920	0.034	-	-				
I,6	a	2	24	84	1300	0.044	-	-	1.5	4	4.5	6
	b	2	24	56	490	0.024	-	-				
	c	2	24	60	610	0.027	-	-				
	d	0	0	56	490	0.024	-	-				
	e	2	24	58	550	0.026	-	-				
I,9	a	4	48	66	790	0.032	-	-				
	b	4	48	68	850	0.033	-	-				
	c	2	24	80	1220	0.042	-	-	0	0	4.5	7.0
	d	4	48	60	610	0.027	-	-				
	e	2	24	52	370	0.022	-	-				
I,12	a	0	0	60	610	0.027	-	-				
	b	2	24	78	1200	0.040	-	-	0	0	1.5	1
	c	4	48	52	370	0.022	-	-				
	d	2	24	68	850	0.033	-	-				
	e	0	0	84	1300	0.044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY: A.J.B./P.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,6	a	2	24	80	1220	0.042	-	-	0.5	1	2.0	2
	b	0	0	64	730	0.030	-	-				
	c	2	24	50	310	0.020	-	-				
	d	4	48	62	670	0.029	-	-				
	e	0	0	64	730	0.030	-	-				
J,9	a	0	0	64	730	0.030	-	-				
	b	2	24	58	550	0.026	-	-				
	c	4	48	64	730	0.030	-	-	0	0	2.0	2
	d	0	0	50	310	0.020	-	-				
	e	0	0	70	920	0.034	-	-				
J,12	a	4	48	58	550	0.026	-	-	0.5	1	4.5	6
	b	4	48	50	310	0.020	-	-				
	c	2	24	64	730	0.030	-	-				
	d	0	0	56	490	0.024	-	-				
	e	0	0	52	370	0.022	-	-				
K,6	a	2	24	66	790	0.032	-	-				
	b	4	48	54	430	0.023	-	-				
	c	0	0	64	730	0.030	-	-				
	d	4	48	89	1500	0.047	-	-	0.5	1	3.0	4
	e	2	24	72	980	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR: P.F./A.J.B DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,9	a	0	0	62	670	0.029	-	-				
	b	2	24	74	1000	0.037	-	-				
	c	0	0	36	0	0.013	-	-				
	d	4	48	56	490	0.024	-	-	0.5	1	2.0	2
	e	2	24	64	730	0.030	-	-				
K,12	a	6	72	50	310	0.020	-	-	0	0	1.5	1
	b	0	0	48	240	0.019	-	-				
	c	0	0	54	430	0.023	-	-				
	d	2	24	74	1000	0.037	-	-				
	e	0	0	68	850	0.033	-	-				
L,6	a	0	0	68	850	0.033	-	-				
	b	4	48	76	1100	0.039	-	-	1.5	4	3.0	4
	c	2	24	80	1200	0.042	-	-				
	d	0	0	60	610	0.027	-	-				
	e	2	24	46	180	0.017	-	-				
L,9	a	0	0	86	1400	0.046	-	-	0	0	3.0	4.0
	b	4	48	70	920	0.034	-	-				
	c	2	24	46	180	0.017	-	-				
	d	4	48	52	370	0.022	-	-				
	e	2	24	56	490	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR: A.J.B./P.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,12	a	4	48	50	310	0.020	-	-				
	b	0	0	62	670	0.029	-	-				
	c	2	24	68	850	0.033	-	-	0.5	1	3.5	5
	d	2	24	64	730	0.030	-	-				
	e	2	24	66	790	0.032	-	-				
M,3	a	4	48	70	920	0.034	-	-	1.5	4	1.0	0
	b	0	0	64	730	0.030	-	-				
	c	2	24	70	920	0.034	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	70	920	0.034	-	-				
M,6	a	0	0	74	1000	0.037	-	-				
	b	2	24	84	1300	0.044	-	-	0.5	1	3.5	5
	c	2	24	62	670	0.029	-	-				
	d	0	0	62	670	0.029	-	-				
	e	2	24	58	550	0.026	-	-				
M,9	a	2	24	72	980	0.036	-	-	0	0	2.5	3
	b	4	48	64	730	0.030	-	-				
	c	2	24	56	490	0.024	-	-				
	d	0	0	60	610	0.027	-	-				
	e	2	24	66	790	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (A.J.B./P.F DATE 9-15-83)

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,12	a	2	24	52	870	0.022	-	-				
	b	4	48	70	920	0.034	-	-	0	0	2.5	3
	c	4	48	58	550	0.026	-	-				
	d	4	48	66	790	0.032	-	-				
	e	2	24	62	670	0.029	-	-				
N,6	a	2	24	60	610	0.027	-	-				
	b	2	24	60	610	0.027	-	-				
	c	2	24	70	920	0.034	-	-				
	d	2	24	58	550	0.026	-	-				
	e	4	48	78	1200	0.040	-	-	0	0	2.5	3
N,9	a	4	48	60	610	0.027	-	-				
	b	2	24	90	1500	0.049	-	-				
	c	0	0	50	310	0.020	-	-				
	d	4	48	60	610	0.027	-	-				
	e	6	73	64	730	0.030	-	-	0	0	1.5	1
N,12	a	2	24	70	920	0.034	-	-				
	b	2	24	54	430	0.023	-	-				
	c	2	24	66	790	0.032	-	-				
	d	0	0	48	240	0.019	-	-				
	e	4	48	70	920	0.034	-	-	1.0	2	4.5	6

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (A.J.B./P.F. DATE 9-15-83)

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
0,6	a	0	0	68	850	0.033	-	-				
	b	2	24	58	550	0.026	-	-				
	c	4	48	62	670	0.029	-	-				
	d	2	24	72	980	0.036	-	-	0.5	1	2.0	2
	e	2	24	54	430	0.023	-	-				
0,12	a	0	0	46	180	0.017	-	-				
	b	10	120	76	1100	0.039	-	-				
	c	4	48	56	490	0.024	-	-				
	d	0	0	74	1000	0.037	-	-				
	e	4	48	54	430	0.023	-	-	0.5	1	3.0	4
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (P.E. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
0,9	a	2	24	46	180	0.017	-	-	-	-	-	-
	b	2	24	32	0	0.013	-	-				
	c	2	24	40	0	0.013	-	-				
	d	6	73	38	0	0.013	-	-				
	e	0	0	42	61	0.014	-	-				
0,12	a	4	48	42	61	0.014	-	-				
	b	0	0	40	0	0.013	-	-	-	-	-	-
	c	0	0	28	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	2	24	36	0	0.013	-	-				
0,15	a	0	0	26	0	0.013	-	-				
	b	0	0	46	180	0.017	-	-	0	0	3.0	4.0
	c	0	0	32	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	2	24	38	0	0.013	-	-				
J,6	a	8	97	36	0	0.013	-	-	0	0	3.0	4.0
	b	0	0	32	0	0.013	-	-				
	c	0	0	30	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	4	48	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (A.B./P.E. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 HALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,6	a	0	0	42	61	0.014	-	-				
	b	2	24	44	120	0.016	-	-	0	0	3.0	4.0
	c	0	0	38	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	34	0	0.013	-	-				
K,6	a	0	0	26	0	0.013	-	-				
	b	2	24	34	0	0.013	-	-	0	0	3.0	4.0
	c	2	24	24	0	0.013	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	30	0	0.013	-	-				
L,6	a	4	48	28	0	0.013	-	-				
	b	4	48	42	61	0.014	-	-	0	0	1.5	1.0
	c	6	73	30	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	32	0	0.013	-	-				
M,6	a	2	24	40	0	0.013	-	-				
	b	0	0	46	180	0.017	-	-	0.5	1.0	6.0	9.0
	c	0	0	34	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	0	0	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (A.B./P.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 HALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,6	a	0	0	42	61	0.014	-	-	-	-	-	-
	b	2	24	40	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	4	48	46	180	0.017	-	-				
	e	2	24	24	0	0.013	-	-				
O,6	a	0	0	60	610	0.027	-	-	-	-	-	-
	b	0	0	36	0	0.013	-	-				
	c	4	48	30	0	0.013	-	-				
	d	4	48	48	240	0.019	-	-				
	e	4	48	30	0	0.013	-	-				
H,6	a	2	24	44	120	0.016	-	-				
	b	4	48	30	0	0.013	-	-				
	c	0	0	44	120	0.016	-	-				
	d	6	73	34	0	0.013	-	-	0	0	3.0	4.0
	e	0	0	58	550	0.026	-	-				
H,9	a	2	24	24	0	0.013	-	-				
	b	4	48	58	550	0.026	-	-	0	0	3.0	4.0
	c	0	0	38	0	0.013	-	-				
	d	2	24	46	180	0.017	-	-				
	e	4	48	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (A.B./P.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 WALLS

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,12	a	0	0	66	790	0.032	-	-				
	b	2	24	58	550	0.026	-	-				
	c	4	48	34	0	0.013	-	-				
	d	2	24	60	610	0.027	-	-	1.0	2	3.5	5
	e	4	48	48	240	0.019	-	-				
H,15	a	2	24	32	0	0.013	-	-				
	b	8	97	38	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	24	36	0	0.013	-	-				
	e	2	24	50	310	0.020	-	-	1.0	2	5.5	8
H,15	a	0	0	40	0	0.013	-	-				
	b	4	48	34	0	0.013	-	-				
	c	0	0	46	180	0.017	-	-				
	d	0	0	50	310	0.020	-	-				
	e	6	73	48	240	0.019	-	-	0	0	6.0	9
I,15	a	4	48	50	310	0.020	-	-	0	0	2.0	2
	b	2	24	48	240	0.019	-	-				
	c	2	24	34	0	0.013	-	-				
	d	0	0	50	310	0.020	-	-				
	e	4	48	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) A.B./P.F./G.F. DATE 9-15-83, 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,15	a	2	24	50	310	0.020	-	-	0	0	3.5	5
	b	0	0	30	0	0.013	-	-				
	c	2	24	32	0	0.013	-	-				
	d	0	0	46	180	0.017	-	-				
	e	2	24	46	180	0.017	-	-				
K,15	a	4	48	52	370	0.022	-	-	0	0	3.0	4
	b	2	24	34	0	0.013	-	-				
	c	2	24	32	0	0.013	-	-				
	d	0	0	58	550	0.026	-	-				
	e	2	24	48	240	0.019	-	-				
L,15	a	2	24	46	180	0.017	-	-				
	b	8	97	50	310	0.020	-	-	0	0	3.0	4
	c	2	24	40	0	0.013	-	-				
	d	2	24	52	370	0.022	-	-				
	e	4	48	68	850	0.033	-	-				
M,15	a	0	0	44	120	0.016	-	-				
	b	4	48	30	0	0.013	-	-				
	c	4	48	36	0	0.013	-	-				
	d	2	24	28	0	0.013	-	-				
	e	4	48	56	490	0.024	-	-	0.5	1	5.0	7

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) A.B./G.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,15	a	4	48	50	310	0.020	-	-	0.5	1.0	4.0	6.0
	b	2	24	52	370	0.022	-	-				
	c	0	0	66	790	0.032	-	-				
	d	0	0	52	370	0.022	-	-				
	e	0	0	34	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) P.F./A.B. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,6	a	0	0	56	490	0.024	-	-				
	b	0	0	54	430	0.023	-	-				
	c	0	0	50	310	0.020	-	-				
	d	0	0	64	730	0.030	-	-	0	0	1.5	1
	e	0	0	50	310	0.020	-	-				
H,9	a	8	97	60	610	0.027	-	-				
	b	4	48	52	370	0.022	-	-				
	c	4	48	50	310	0.020	-	-				
	d	6	73	42	61	0.014	-	-				
	e	6	73	70	920	0.034	-	-	0.5	1	1.5	1
H,12	a	0	0	36	0	0.013	-	-				
	b	2	24	44	120	0.016	-	-				
	c	0	0	56	490	0.024	-	-	0	0	3.0	4
	d	0	0	36	0	0.013	-	-				
	e	0	0	32	0	0.013	-	-				
I,6	a	0	0	52	370	0.022	-	-	1.0	2	4.5	6
	b	0	0	40	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	2	48	46	180	0.017	-	-				
	e	0	0	46	180	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) P.F./G.F. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,9	a	0	0	58	550	0.026	-	-				
	b	0	0	52	370	0.022	-	-				
	c	0	0	52	370	0.022	-	-				
	d	0	0	42	61	0.014	-	-				
	e	0	0	58	550	0.026	-	-	0	0	2.0	2
I,12	a	2	24	54	430	0.023	-	-				
	b	0	0	38	0	0.013	-	-				
	c	0	0	64	730	0.030	-	-	0	0	1.0	0
	d	2	24	52	370	0.022	-	-				
	e	0	0	50	310	0.020	-	-				
J,3	a	2	24	72	980	0.036	-	-	0.5	1	1.0	0
	b	0	0	44	120	0.016	-	-				
	c	0	0	58	550	0.026	-	-				
	d	0	0	68	850	0.033	-	-				
	e	0	0	46	180	0.017	-	-				
J,6	a	0	0	50	310	0.020	-	-				
	b	0	0	58	550	0.026	-	-				
	c	2	24	66	790	0.032	-	-	1.0	2	4.0	5
	d	0	0	58	550	0.026	-	-				
	e	0	0	50	310	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE (s) P.F. / G.E. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 118-35 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,9	a	10	120	62	670	0.029	-	-	1.0	2	5.5	8
	b	4	48	44	120	0.016	-	-				
	c	8	97	62	670	0.029	-	-				
	d	8	97	48	240	0.019	-	-				
	e	0	0	52	370	0.022	-	-				
J,12	a	6	73	36	0	0.013	-	-				
	b	2	24	49	240	0.019	-	-				
	c	6	73	50	310	0.020	-	-				
	d	2	24	58	550	0.026	-	-	0	0	2.0	2
	e	0	0	46	180	0.017	-	-				
K,6	a	2	24	36	0	0.013	-	-				
	b	4	48	56	490	0.024	-	-	0.5	1	1.5	6
	c	0	0	38	0	0.013	-	-				
	d	4	48	50	310	0.020	-	-				
	e	2	24	54	430	0.023	-	-				
K,9	a	0	0	62	670	0.029	-	-	0.5	1	2.5	3
	b	0	0	46	180	0.017	-	-				
	c	0	0	48	240	0.019	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	48	240	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) P.F. / G.E. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
K,12	a	0	0	68	850	0.033	-	-	0	0	3.0	4
	b	0	0	36	0	0.013	-	-				
	c	2	24	52	370	0.022	-	-				
	d	0	0	56	490	0.024	-	-				
	e	2	24	34	0	0.013	-	-				
L,6	a	4	48	58	550	0.026	-	-	0	0	4.0	5
	b	2	24	30	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	0	0	52	370	0.022	-	-				
	e	2	24	46	180	0.017	-	-				
L,9	a	0	0	48	240	0.019	-	-				
	b	0	0	48	240	0.019	-	-				
	c	0	0	48	240	0.019	-	-				
	d	0	0	46	180	0.017	-	-				
	e	2	24	58	550	0.026	-	-	0	0	3.5	5
L,12	a	2	24	50	310	0.020	-	-				
	b	4	48	54	430	0.023	-	-	0	0	0	0
	c	4	48	40	0	0.013	-	-				
	d	2	24	46	180	0.017	-	-				
	e	2	24	46	180	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) P.E./G.F. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
M,6	a	0	0	66	790	0.032	-	-				
	b	0	0	34	0	0.013	-	-				
	c	0	0	74	1000	0.037	-	-	0	0	4.0	5
	d	0	0	52	370	0.022	-	-				
	e	0	0	42	61	0.014	-	-				
M,9	a	0	0	62	670	0.029	-	-				
	b	0	0	66	790	0.032	-	-	0	0	2.5	3
	c	0	0	48	240	0.019	-	-				
	d	0	0	60	610	0.027	-	-				
	e	0	0	40	0	0.013	-	-				
M,12	a	0	0	34	0	0.013	-	-				
	b	0	0	66	790	0.032	-	-	1.0	2	2.0	2
	c	4	48	46	180	0.017	-	-				
	d	0	0	46	180	0.017	-	-				
	e	2	24	46	180	0.017	-	-				
N,6	a	2	24	36	0	0.013	-	-				
	b	0	0	54	430	0.023	-	-	0	0	1.5	1
	c	0	0	44	120	0.016	-	-				
	d	0	0	46	180	0.017	-	-				
	e	2	24	54	430	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) P.E./G.F. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-35 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
N,3	a	0	0	58	550	0.026	-	-				
	b	0	0	38	0	0.013	-	-				
	c	0	0	68	850	0.033	-	-	0	0	5.5	8
	d	0	0	58	550	0.026	-	-				
	e	2	24	44	120	0.016	-	-				
N,9	a	0	0	56	490	0.024	-	-				
	b	0	0	60	610	0.027	-	-				
	c	0	0	48	240	0.019	-	-				
	d	0	0	28	0	0.013	-	-				
	e	6	73	52	370	0.022	-	-	0.5	1	1.5	1
N,12	a	4	48	52	370	0.022	-	-	0	0	4.0	5
	b	2	24	28	0	0.013	-	-				
	c	2	24	28	0	0.013	-	-				
	d	0	0	46	180	0.017	-	-				
	e	2	24	30	0	0.013	-	-				
O,6	a	2	24	36	0	0.013	-	-				
	b	2	24	52	370	0.022	-	-	0.5	1	1.5	1
	c	0	0	34	0	0.013	-	-				
	d	4	48	40	0	0.013	-	-				
	e	2	24	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) R.F./G.F. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 11B · FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,15	a	2	24	68	850	0.033	-	-				
	b	2	24	62	670	0.029	-	-				
	c	4	48	76	1100	0.039	-	-	0.5	1	3.5	5
	d	6	73	42	161	0.014	-	-				
	e	4	48	82	1300	0.043	-	-				
H,15	a	8	97	68	850	0.033	-	-				
	b	4	48	84	1300	0.044	-	-				
	c	8	97	88	1500	0.047	-	-	1.5	4	5.0	7
	d	10	120	58	550	0.026	-	-				
	e	2	24	84	1300	0.044	-	-				
I,15	a	4	48	74	1000	0.037	-	-				
	b	2	24	58	550	0.026	-	-				
	c	4	48	74	1000	0.037	-	-	2.5	7	3.0	4
	d	4	48	62	670	0.029	-	-				
	e	4	48	62	670	0.029	-	-				
J,15	a	4	48	78	1200	0.040	-	-	2.0	5	18.0	33
	b	2	24	66	790	0.032	-	-				
	c	0	0	56	490	0.024	-	-				
	d	2	24	66	790	0.032	-	-				
	e	0	0	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE. (s) C.P. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 11B FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,15	a	4	48	78	1200	0.040	-	-				
	b	2	24	96	1700	0.053	-	-				
	c	10	120	52	370	0.022	-	-	1.0	2	5.5	8
	d	4	48	60	610	0.027	-	-				
	e	0	0	56	490	0.024	-	-				
L,15	a	12	150	86	1400	0.046	-	-				
	b	0	0	58	550	0.026	-	-				
	c	2	24	62	670	0.029	-	-				
	d	14	170	100	1800	0.056	-	-	0.5	1	4.0	5
	e	6	73	54	430	0.023	-	-				
M,15	a	2	24	58	550	0.026	-	-				
	b	0	0	28	0	0.013	-	-				
	c	6	73	60	610	0.027	-	-	1.0	2	4.5	6
	d	2	24	50	310	0.020	-	-				
	e	0	0	68	850	0.033	-	-				
N,15	a	4	48	44	120	0.016	-	-				
	b	2	24	64	730	0.030	-	-				
	c	4	48	72	980	0.036	-	-				
	d	4	48	64	730	0.030	-	-	0.5	1	3.0	4
	e	0	0	68	850	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVE. (s) C.P. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA AISLE 11B WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,18	a	2	24	32	0	0.013	-	-				
	b	4	48	56	490	0024	-	-	0.5	1.0	2.5	3.0
	c	0	0	46	180	0.017	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	60	610	0.027	-	-				
H,18	a	2	24	52	370	0.022	-	-	0	0	1.0	0
	b	0	0	38	0	0.013	-	-				
	c	2	24	30	0	0.013	-	-				
	d	2	24	30	0	0.013	-	-				
	e	2	24	26	0	0.013	-	-				
I,18	a	2	24	48	240	0.019	-	-				
	b	2	24	34	0	0.013	-	-				
	c	4	48	40	0	0.013	-	-	0.5	1.0	5.0	7.0
	d	2	24	28	0	0.013	-	-				
	e	0	0	28	0	0.013	-	-				
H,18	a	2	24	36	0	0.013	-	-				
	b	6	73	38	0	0.013	-	-				
	c	6	73	40	0	0.013	-	-	0	0	1.0	0
	d	4	48	32	0	0.013	-	-				
	e	2	24	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVI (s) A.B./G.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM AISLE 11B - WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,18	a	0	0	42	61	0014	-	-				
	b	0	0	34	0	0.013	-	-				
	c	0	0	32	0	0.013	-	-				
	d	6	73	40	0	0013	-	-	0	0	3.5	5.0
	e	2	24	30	0	0.013	-	-				
J,18	a	4	48	46	180	0017	-	-				
	b	4	48	44	120	0.016	-	-				
	c	2	24	42	61	0014	-	-				
	d	4	48	38	0	0.013	-	-				
	e	4	48	50	310	0020	-	-	0	0	2.0	2.0
K,18	a	0	0	58	550	0026	-	-				
	b	0	0	42	61	0014	-	-				
	c	2	24	36	0	0.013	-	-				
	d	4	48	30	0	0.013	-	-	0.5	1.0	25	3.0
	e	0	0	54	430	0023	-	-				
L,18	a	0	0	42	61	0.014	-	-				
	b	2	24	46	180	0017	-	-	1.0	2.0	6.0	9.0
	c	2	24	38	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	0	0	44	120	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVI (s) A.B./G.F. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM AISLE 118 - WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c) *		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
M,18	a	0	0	40	0	0.013	-	-	-	-	-	-
	b	0	0	58	550	0.026	-	-				
	c	0	0	54	430	0.023	-	-				
	d	8	97	28	0	0.013	-	-				
	e	8	97	48	240	0.019	-	-				
N,18	a	2	24	30	0	0.013	-	-	-	-	-	-
	b	4	48	60	610	0.027	-	-				
	c	2	24	44	120	0.016	-	-				
	d	0	0	44	120	0.016	-	-				
	e	2	24	36	0	0.013	-	-				
O,18	a	6	73	46	180	0.016	-	-	1.0	2.0	6.0	9.0
	b	0	0	50	310	0.020	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	48	240	0.019	-	-				
	e	2	24	56	490	0.024	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVE (s) A.B./G.E. DATE 9-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM 118 AISLE CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c) *		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
N,15	a	0	0	48	240	0.019	-	-				
	b	0	0	60	610	0.027	-	-				
	c	2	24	60	610	0.027	-	-				
	d	0	0	50	310	0.020	-	-				
	e	4	48	54	430	0.023	-	-	0.5	1	4.5	6
M,15	a	0	0	58	550	0.026	-	-				
	b	0	0	32	0	0.013	-	-				
	c	0	0	58	550	0.026	-	-				
	d	2	24	56	490	0.024	-	-				
	e	0	0	66	790	0.032	-	-	0	0	2.0	2
L,15	a	2	24	60	610	0.027	-	-				
	b	0	0	62	670	0.029	-	-				
	c	2	24	68	850	0.033	-	-	0	0	3.5	5
	d	2	24	32	0	0.013	-	-				
	e	4	48	48	240	0.019	-	-				
K,15	a	4	48	40	0	0.013	-	-				
	b	2	24	56	490	0.024	-	-				
	c	4	48	44	120	0.016	-	-				
	d	2	24	58	550	0.026	-	-	0.5	1	3.5	5
	e	0	0	56	490	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVE (s) P.E./G.E. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM 118 AISLE CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,15	a	2	24	56	490	0.024	-	-	0.5	1	3.0	4
	b	0	0	32	0	0.013	-	-				
	c	4	48	44	120	0.016	-	-				
	d	0	0	42	61	0.014	-	-				
	e	2	24	32	0	0.013	-	-				
I,15	a	2	24	44	120	0.016	-	-				
	b	2	24	40	0	0.013	-	-				
	c	2	24	44	120	0.016	-	-				
	d	0	0	40	0	0.013	-	-				
	e	2	24	46	180	0.017	-	-	0	0	5.0	7
H,15	a	2	24	62	670	0.029	-	-	0.5	1	3.5	5
	b	2	24	52	370	0.022	-	-				
	c	0	0	68	850	0.033	-	-				
	d	0	0	56	490	0.024	-	-				
	e	0	0	54	430	0.023	-	-				
G,15	a	10	120	46	180	0.017	-	-	0	0	5.0	7
	b	4	48	46	180	0.017	-	-				
	c	2	24	58	550	0.026	-	-				
	d	6	73	38	0	0.013	-	-				
	e	4	48	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEYOR(s) P.F./G.F. DATE 9-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM AISLE 118 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,-3	a	4	48	66	790	0.032	-	-				
	b	4	48	50	310	0.020	-	-				
	c	0	0	96	1700	0.053	-	-	0	0	3.5	5
	d	2	24	58	550	0.026	-	-				
	e	0	0	72	980	0.036	-	-				
G,0	a	2	24	42	61	0.014	-	-				
	b	0	0	48	240	0.019	-	-				
	c	0	0	76	1100	0.039	-	-				
	d	4	48	68	850	0.033	-	-	0.5	1	2.0	2
	e	4	48	48	240	0.019	-	-				
G,3	a	0	0	94	1600	0.052	-	-	0	0	2.5	3
	b	0	0	56	490	0.024	-	-				
	c	2	24	60	610	0.027	-	-				
	d	4	48	38	0	0.013	-	-				
	e	2	24	32	0	0.013	-	-				
G,6	a	0	0	68	850	0.033	-	-				
	b	2	24	58	550	0.026	-	-				
	c	2	24	60	610	0.027	-	-				
	d	4	48	72	980	0.036	-	-	1.0	2	3.5	5
	e	2	24	64	730	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEYOR(s) G.F./P.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Aisle 118 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G.9	a	0	0	78	1200	0040	-	-				
	b	8	97	70	920	0.034	-	-				
	c	2	24	70	920	0.034	-	-				
	d	6	73	88	1500	0.047	-	-				
	e	10	120	72	980	0.036	-	-	0	0	3.0	4
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEYOR(S) P.F. DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G-3	a	2	24	34	0	0.013	-	-				
	b	4	48	28	0	0.013	-	-				
	c	2	24	38	0	0.013	-	-				
	d	6	73	36	0	0.013	-	-	0	0	4.0	6.0
	e	0	0	42	61	0.014	-	-				
G.0	a	0	0	46	180	0.017	-	-				
	b	2	24	34	0	0.013	-	-				
	c	2	24	36	0	0.013	-	-				
	d	2	24	30	0	0.013	-	-				
	e	2	24	40	0	0.013	-	-	0	0	3.5	5.0
G.3	a	4	48	46	180	0.017	-	-				
	b	4	48	40	0	0.013	-	-				
	c	0	0	48	240	0.019	-	-				
	d	2	24	50	310	0.020	-	-				
	e	4	48	64	730	0.030	-	-	0.5	1.0	1.5	1.0
G.6	a	4	0	42	61	0.014	-	-	0.5	1.0	3.0	4.0
	b	0	0	40	0	0.013	-	-				
	c	2	24	56	490	0.024	-	-				
	d	2	24	53	370	0.022	-	-				
	e	4	48	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEYOR(S) NJB/GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,9	a	2	24	28	0	0.013	-	-				
	b	0	0	42	61	0.014	-	-				
	c	2	24	36	0	0.013	-	-	0	0	2.5	3.0
	d	2	24	34	0	0.013	-	-				
	e	2	24	28	0	0.013	-	-				
G,12	a	6	73	58	310	0.020	-	-	0	0	2.5	3.0
	b	2	24	30	0	0.013	-	-				
	c	2	24	28	0	0.013	-	-				
	d	2	24	26	0	0.013	-	-				
	e	2	24	50	310	0.020	-	-				
G,15	a	6	73	34	0	0.013	-	-				
	b	4	48	36	0	0.013	-	-				
	c	4	48	42	61	0.014	-	-	0.5	1.0	4.0	6.0
	d	2	24	38	0	0.013	-	-				
	e	0	0	18	0	0.013	-	-				
H,-3	a	2	24	38	0	0.013	-	-	1.0	2.0	2.5	3.0
	b	2	24	26	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	0	0	24	0	0.013	-	-				
	e	0	0	44	120	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) AJB/GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,3	a	4	48	26	0	0.013	-	-	0.5	1.0	2.5	3.0
	b	0	0	30	0	0.013	-	-				
	c	0	0	30	0	0.013	-	-				
	d	4	48	18	0	0.013	-	-				
	e	0	0	32	0	0.013	-	-				
G,6	a	0	0	46	0	0.013	-	-				
	b	2	24	24	0	0.013	-	-				
	c	2	24	40	0	0.013	-	-				
	d	2	24	46	180	0.017	-	-				
	e	2	24	40	0	0.013	-	-	1.0	2.0	2.0	2.0
G,9	a	4	48	30	0	0.013	-	-				
	b	4	48	42	61	0.014	-	-	3.5	10	5.0	7.0
	c	2	24	44	120	0.016	-	-				
	d	0	0	38	0	0.013	-	-				
	e	2	24	58	350	0.026	-	-				
G,12	a	2	24	36	0	0.013	-	-				
	b	0	0	32	0	0.013	-	-				
	c	2	24	38	0	0.013	-	-				
	d	4	48	48	240	0.019	-	-	1.0	2.0	1.5	1.0
	e	0	0	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) AJB/GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,15	a	0	0	32	0	0.013	-	-				
	b	0	0	34	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	0	0	46	180	0.017	-	-	0	0	1.0	0
G,18	a	6	73	34	0	0.013	-	-	0.5	1.0	2.0	2.0
	b	2	24	40	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	2	24	36	0	0.013	-	-				
	e	2	24	36	0	0.013	-	-				
G,3	a	8	97	26	0	0.013	-	-	2.0	5.0	3.0	4.0
	b	2	24	30	0	0.013	-	-				
	c	0	0	44	120	0.016	-	-				
	d	4	48	40	0	0.013	-	-				
	e	0	0	36	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) NB GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,3	a	0	0	36	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	58	310	0.020	-	-	0	0	4.5	6
	d	0	0	20	0	0.013	-	-				
	e	2	24	34	0	0.013	-	-				
G,0	a	0	0	38	0	0.013	-	-				
	b	2	24	32	0	0.013	-	-				
	c	0	0	46	0	0.013	-	-	1.0	2	1.0	0
	d	0	0	32	0	0.013	-	-				
	e	2	24	24	0	0.013	-	-				
G,3	a	2	24	42	61	0.014	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	56	490	0.024	-	-	0	0	3.0	4
	d	2	24	48	240	0.019	-	-				
	e	6	73	50	310	0.020	-	-				
G,6	a	4	48	48	240	0.019	-	-	0	0	2.5	3
	b	0	0	36	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	0	0	48	240	0.019	-	-				
	e	0	0	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF GF DATE 9.21.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,9	a	2	24	50	310	0.020	-	-	0	0	1.5	1
	b	4	48	44	120	0.016	-	-				
	c	2	24	38	0	0.013	-	-				
	d	0	0	42	61	0.014	-	-				
	e	0	0	56	490	0.024	-	-				
G,12	a	0	0	58	550	0.026	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	56	490	0.024	-	-				
	d	0	0	62	670	0.029	-	-	0.5	1	3.0	4
	e	2	24	44	120	0.016	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF / GF DATE 9.2.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Floor Closet

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,0	a	0	0	48	240	0.019	-	-				
	b	4	48	72	980	0.036	-	-	0.5	1	3.5	5
	c	0	0	46	0	0.013	-	-				
	d	2	24	62	680	0.029	-	-				
	e	1	12	27	0	0.013	-	-				
H,3	a	2	24	48	240	0.019	-	-	0	0	4.5	6
	b	0	0	56	490	0.024	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	56	490	0.024	-	-				
	e	0	0	50	310	0.020	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) GF DATE 9.13.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Closet Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,3	a	0	0	42	61	0.014	-	-				
	b	4	48	46	180	0.017	-	-	0	0	2.0	2.0
	c	2	24	44	120	0.016	-	-				
	d	4	48	39	0	0.013	-	-				
	e	4	48	44	120	0.016	-	-				
H,3	a	0	0	38	0	0.013	-	-				
	b	2	24	62	670	0.029	-	-	0.5	1.0	2.5	3.0
	c	0	0	38	0	0.013	-	-				
	d	0	0	22	0	0.013	-	-				
	e	2	24	38	0	0.013	-	-				
H,6	a	0	0	38	0	0.013	-	-				
	b	0	0	22	0	0.013	-	-				
	c	2	24	26	0	0.013	-	-				
	d	0	0	26	0	0.013	-	-				
	e	2	24	46	180	0.017	-	-	0	0	3.0	4.0
G,3	a	0	0	44	120	0.016	-	-				
	b	0	0	34	0	0.013	-	-				
	c	4	48	54	930	0.023	-	-	0.5	1.0	1.5	1.0
	d	2	24	32	0	0.013	-	-				
	e	2	24	42	61	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB GF DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA Aisle 118 Closet Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,0	a	0	0	42	61	0.014	-	-				
	b	0	0	46	180	0.017	-	-	0	0	3.5	5
	c	0	0	40	0	0.013	-	-				
	d	0	0	34	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) PF GF DATE 9.21.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 113-44 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,18	a	4	48	68	850	0.033	-	-				
	b	6	73	60	610	0.027	-	-				
	c	10	120	60	610	0.027	-	-	0.5	1	5.5	8
	d	6	73	78	1200	0.040	-	-				
	e	2	24	46	180	0.017	-	-				
M,21	a	2	24	54	430	0.023	-	-				
	b	4	48	68	850	0.033	-	-				
	c	4	48	80	1200	0.042	-	-				
	d	10	120	66	790	0.032	-	-	2.0	5	2.0	2
	e	2	24	66	790	0.032	-	-				
M,24	a	10	120	96	1700	0.053	-	-	0.5	1	3.0	4
	b	4	48	44	120	0.016	-	-				
	c	4	48	62	670	0.029	-	-				
	d	2	24	50	310	0.020	-	-				
	e	4	48	60	610	0.027	-	-				
M,27	a	16	120	70	920	0.034	-	-	0.5	1	1.5	1
	b	0	0	74	1000	0.037	-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB CP GP DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 113-44 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,18	a	6	73	78	1200	0.040	-	-	1.5	4	2.0	2
	b	0	0	56	490	0.024	-	-				
	c	4	48	82	1300	0.043	-	-				
	d	0	0	62	670	0.029	-	-				
	e	4	48	68	850	0.033	-	-				
N,21	a	4	48	78	1200	0.040	-	-	0.5	1	2.5	3
	b	16	120	58	550	0.026	-	-				
	c	2	24	66	790	0.032	-	-				
	d	4	48	74	1000	0.037	-	-				
	e	4	48	72	980	0.036	-	-				
N,24	a	0	0	62	670	0.029	-	-				
	b	0	0	58	550	0.026	-	-				
	c	2	24	76	920	0.034	-	-	0.5	1	3.5	5
	d	0	0	70	920	0.034	-	-				
	e	0	0	82	1300	0.043	-	-				
N,27	a	2	24	58	550	0.026	-	-				
	b	4	48	80	1200	0.042	-	-	1.5	4	0.5	0
	c	0	0	70	920	0.034	-	-				
	d	0	0	66	790	0.032	-	-				
	e	4	48	72	980	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB CP DATE 9-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1B-44 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
0,21	a	14	170	64	730	0.030	-	-				
	b	4	48	54	480	0.023	-	-				
	c	14	170	66	790	0.032	-	-				
	d	6	73	78	1200	0.040	-	-				
	e	18	220	82	1300	0.043	-	-	0.5	1	3.5	5
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB DATE 9.15.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 1B-44 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,27	a	4	48	46	180	0.017	-	-	0	0	2.0	2
	b	0	0	46	180	0.017	-	-				
	c	0	0	48	240	0.019	-	-				
	d	2	24	42	61	0.014	-	-				
	e	2	24	50	310	0.020	-	-				
N,27	a	2	24	64	730	0.030	-	-	0	0	2.5	3
	b	0	0	46	180	0.017	-	-				
	c	0	0	54	430	0.023	-	-				
	d	0	0	48	240	0.019	-	-				
	e	0	0	70	920	0.034	-	-				
O,21	a	0	0	52	370	0.022	-	-				
	b	4	48	46	180	0.017	-	-	0.5	1	3.0	4
	c	0	0	36	0	0.013	-	-				
	d	0	0	46	180	0.017	-	-				
	e	2	24	44	120	0.016	-	-				
O,24	a	0	0	50	310	0.020	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	56	310	0.020	-	-	0	0	1.5	1
	d	2	24	32	0	0.013	-	-				
	e	0	0	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) AJB / GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-44 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
0,27	a	0	0	34	0	0.013	-	-				
	b	0	0	49	240	0.019	-	-				
	c	0	0	36	180	0.017	-	-				
	d	0	0	52	370	0.022	-	-				
	e	2	24	50	310	0.020	-	-	0.5	1	4.5	6
0,30	a	0	0	42	61	0.014	-	-				
	b	2	24	54	430	0.023	-	-				
	c	0	0	38	0	0.013	-	-				
	d	0	0	26	0	0.013	-	-				
	e	6	73	34	0	0.013	-	-	1.0	2	2.0	2
N,21	a	9	97	36	0	0.013	-	-	0	0	3.0	4
	b	2	24	36	0	0.013	-	-				
	c	6	73	34	0	0.013	-	-				
	d	0	0	44	120	0.016	-	-				
	e	0	0	36	0	0.013	-	-				
0,21	a	0	0	46	180	0.017	-	-				
	b	2	24	66	610	0.027	-	-				
	c	2	24	40	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	6	73	44	120	0.016	-	-	0	0	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) ATB GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-44 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,18	a	0	0	44	120	0.016	-	-				
	b	2	24	32	0	0.013	-	-				
	c	2	24	39	0	0.013	-	-				
	d	2	24	44	120	0.016	-	-				
	e	2	24	44	120	0.016	-	-	0	0	1.5	1
N,21	a	4	49	50	310	0.020	-	-	0	0	1.5	1
	b	0	0	26	0	0.013	-	-				
	c	2	24	44	120	0.016	-	-				
	d	2	24	38	0	0.013	-	-				
	e	0	0	52	370	0.022	-	-				
N,24	a	4	49	50	310	0.020	-	-	0	0	2.5	3
	b	4	49	36	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	0	0	42	61	0.014	-	-				
	e	2	24	42	61	0.014	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY (s) ATB GF DATE 9.16.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-44 Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,18	a	2	24	36	0	0.013	-	-				
	b	2	24	50	310	0.020	-	-				
	c	2	24	66	790	0.032	-	-	0	0	3.5	5
	d	2	24	52	370	0.022	-	-				
	e	0	0	66	790	0.032	-	-				
M,21	a	4	48	68	730	0.030	-	-	0.5	1	3.0	4
	b	2	24	54	430	0.023	-	-				
	c	2	24	38	0	0.013	-	-				
	d	4	48	56	490	0.024	-	-				
	e	2	24	62	670	0.029	-	-				
M,24	a	4	48	46	0	0.013	-	-				
	b	8	97	46	0	0.013	-	-				
	c	2	24	58	550	0.026	-	-	1.0	2	4.0	5
	d	6	73	50	310	0.020	-	-				
	e	8	97	48	240	0.019	-	-				
M,27	a	6	73	46	0	0.013	-	-				
	b	0	0	54	0	0.013	-	-				
	c	6	73	62	670	0.029	-	-	0.5	1	4.5	6
	d	2	24	52	370	0.022	-	-				
	e	12	150	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) PF & GF DATE 9.21.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase II ROOM / AREA 11B-44 Ceiling

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
N,18	a	2	24	74	1000	0.037	-	-				
	b	8	97	54	430	0.023	-	-	0	0	1.0	0
	c	0	0	52	370	0.022	-	-				
	d	2	24	50	310	0.020	-	-				
	e	0	0	54	436	0.023	-	-				
N,21	a	8	97	56	490	0.024	-	-				
	b	34	410	50	310	0.020	-	-	1.5	4	1.5	1
	c	22	260	42	61	0.014	-	-				
	d	16	190	54	550	0.026	-	-				
	e	28	340	58	550	0.026	-	-				
N,24	a	38	460	38	0	0.013	-	-	2.0	5	3.0	4
	b	20	240	66	790	0.032	-	-				
	c	18	220	40	0	0.013	-	-				
	d	18	220	46	180	0.017	-	-				
	e	12	150	68	850	0.033	-	-				
N,27	a	4	48	44	120	0.016	-	-				
	b	2	24	46	180	0.017	-	-				
	c	6	73	42	61	0.014	-	-				
	d	24	290	42	61	0.014	-	-	2.0	5	1.0	0
	e	18	220	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1m ranged from 4,000 to 7,000 c/m (10.6 to 14.8 µR/h)

SURVEY(s) CP & GF DATE 9.21.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-1	a	0	0	28	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-				
	c	0	0	34	0	0.013	-	-	0.0	0	2.0	2
	d	0	0	30	0	0.013	-	-				
	e	0	0	30	0	0.013	-	-				
M-2	a	4	48	22	0	0.013	-	-				
	b	4	48	52	370	0.022	-	-				
	c	6	73	30	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	10	120	18	0	0.013	-	-	0.5	1	4.5	6
M-3	a	2	24	22	0	0.013	-	-				
	b	6	73	32	0	0.013	-	-				
	c	2	24	30	0	0.013	-	-				
	d	6	73	22	0	0.013	-	-				
	e	6	73	42	61	0.014	-	-	0.0	0	2.5	3
M-4	a	0	0	30	0	0.013	-	-				
	b	2	24	42	61	0.014	-	-				
	c	12	150	52	370	0.022	-	-	0.0	0	4.5	6
	d	0	0	52	370	0.022	-	-				
	e	4	48	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (s) CP, GF DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)*			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-5	a	2	24	36	0	0.013	-	-				
	b	0	0	44	120	0.016	-	-				
	c	2	24	24	0	0.013	-	-				
	d	2	24	44	120	0.016	-	-	0.0	0	3.0	4
	e	0	0	40	0	0.013	-	-				
M-6	a	4	48	28	0	0.013	-	-				
	b	2	24	24	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	6	73	26	0	0.013	-	-	1.5	4	1.0	0
	e	4	48	28	0	0.013	-	-				
M-7	a	2	24	36	0	0.013	-	-				
	b	6	73	36	0	0.013	-	-	0.5	1	4.0	5
	c	0	0	40	0	0.013	-	-				
	d	4	48	24	0	0.013	-	-				
	e	4	48	42	61	0.014	-	-				
M-8	a	4	48	34	0	0.013	-	-				
	b	6	73	48	240	0.019	-	-	1.0	2	2.5	3
	c	0	0	28	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	0	0	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (s) CP, GF DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-9	a	0	0	34	0	0.013	-	-				
	b	4	48	36	0	0.013	-	-				
	c	0	0	30	0	0.013	-	-				
	d	4	48	36	0	0.013	-	-	0.0	0	4.0	5
	e	2	24	28	0	0.013	-	-				
M-10	a	8	97	26	0	0.013	-	-				
	b	8	97	32	0	0.013	-	-	1.5	4	1.5	1
	c	0	0	26	0	0.013	-	-				
	d	2	24	42	61	0.014	-	-				
	e	0	0	24	0	0.013	-	-				
M-11	a	0	0	32	0	0.013	-	-				
	b	2	24	34	0	0.013	-	-				
	c	0	0	24	0	0.013	-	-				
	d	2	24	48	240	0.019	-	-	0.5	1	3.0	4
	e	0	0	34	0	0.013	-	-				
M-12	a	4	48	42	61	0.014	-	-				
	b	4	48	28	0	0.013	-	-				
	c	2	24	38	0	0.013	-	-				
	d	8	97	50	310	0.020	-	-				
	e	10	120	32	0	0.013	-	-	1.0	2	4.5	6

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (a) AB, CP DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-13	a	2	24	48	240	0.019	-	-				
	b	4	48	60	610	0.027	-	-				
	c	6	73	80	1200	0.042	-	-	0.5	1	5.0	7
	d	6	73	52	370	0.022	-	-				
	e	4	48	46	180	0.017	-	-				
M-14	a	2	24	54	430	0.023	-	-				
	b	4	48	56	490	0.024	-	-				
	c	4	48	48	240	0.019	-	-				
	d	6	73	56	490	0.024	-	-	1.0	2	2.0	2
	e	4	48	44	120	0.016	-	-				
M-15	a	2	24	56	490	0.024	-	-				
	b	6	73	76	1100	0.039	-	-	0.5	1	4.5	6
	c	0	0	52	370	0.022	-	-				
	d	2	24	54	430	0.023	-	-				
	e	0	0	66	790	0.032	-	-				
M-16	a	0	0	22	0	0.013	-	-				
	b	0	0	32	0	0.013	-	-				
	c	0	0	34	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-	0.0	0	1.5	1
	e	6	73	22	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (a) AB, CP DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-17	a	4	48	60	610	0.027	-	-	1.0	2	4.0	5
	b	4	48	58	550	0.026	-	-				
	c	0	0	62	670	0.029	-	-				
	d	4	48	54	430	0.023	-	-				
	e	2	24	66	790	0.032	-	-				
M-18	a	2	24	22	0	0.013	-	-				
	b	4	48	38	0	0.013	-	-	2.0	5	4.0	5
	c	6	73	26	0	0.013	-	-				
	d	2	24	36	0	0.013	-	-				
	e	4	48	28	0	0.013	-	-				
M-19	a	2	24	40	0	0.013	-	-				
	b	6	73	52	370	0.022	-	-	1.0	2	2.5	3
	c	4	48	52	370	0.022	-	-				
	d	0	0	60	610	0.027	-	-				
	e	2	24	52	370	0.022	-	-				
M-20	a	0	0	32	0	0.013	-	-				
	b	2	24	48	240	0.019	-	-	0.0	0	2.0	2
	c	0	0	32	0	0.013	-	-				
	d	0	0	34	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (s) AB, CP DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-21	a	6	73	48	240	0.019	-	-	1.0	2	4.0	5
	b	10	120	34	0	0.013	-	-				
	c	8	97	36	0	0.013	-	-				
	d	8	97	34	0	0.013	-	-				
	e	10	120	30	0	0.013	-	-				
M-22	a	2	24	30	0	0.013	-	-				
	b	0	0	26	0	0.013	-	-				
	c	0	0	30	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-	0.5	1	3.5	5
	e	0	0	26	0	0.013	-	-				
M-23	a	0	0	32	0	0.013	-	-	0.5	1	6.0	9
	b	2	24	20	0	0.013	-	-				
	c	0	0	24	0	0.013	-	-				
	d	0	0	28	0	0.013	-	-				
	e	0	0	22	0	0.013	-	-				
M-24	a	2	24	26	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	22	0	0.013	-	-				
	d	4	48	46	180	0.017	-	-	0.5	1	4.0	5
	e	2	24	22	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (s) CP, GF DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-25	a	4	48	44	120	0.016	-	-	1.0	2	1.5	1
	b	4	48	42	61	0.014	-	-				
	c	4	48	26	0	0013	-	-				
	d	2	24	24	0	0013	-	-				
	e	2	24	46	180	0017	-	-				
M-26	a	2	24	40	0	0013	-	-	0.0	0	2.5	3
	b	0	0	34	0	0013	-	-				
	c	0	0	20	0	0013	-	-				
	d	0	0	22	0	0013	-	-				
	e	0	0	30	0	0013	-	-				
M-27	a	0	0	44	120	0016	-	-	0.5	1	4.0	5
	b	0	0	34	0	0013	-	-				
	c	0	0	40	0	0013	-	-				
	d	0	0	28	0	0013	-	-				
	e	0	0	30	0	0013	-	-				
M-28	a	0	0	54	430	0023	-	-				
	b	2	24	46	180	0017	-	-	0.0	0	5.0	7
	c	2	24	32	0	0013	-	-				
	d	2	24	20	0	0013	-	-				
	e	2	24	42	61	0014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY. (a) AB, CP DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-29	a	2	24	38	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-				
	c	2	24	54	430	0023	-	-	0.0	0	3.0	4
	d	0	0	46	180	0017	-	-				
	e	0	0	54	430	0.023	-	-				
M-30	a	0	0	34	0	0013	-	-				
	b	4	48	52	370	0022	-	-	1.0	2	4.0	5
	c	0	0	44	120	0016	-	-				
	d	2	24	36	0	0013	-	-				
	e	0	0	46	180	0017	-	-				
M-31	a	0	0	42	61	0014	-	-	0.0	0	5.5	8
	b	0	0	38	0	0013	-	-				
	c	4	48	26	0	0013	-	-				
	d	0	0	42	61	0014	-	-				
	e	0	0	28	0	0013	-	-				
M-32	a	0	0	24	0	0013	-	-				
	b	0	0	24	0	0013	-	-				
	c	0	0	28	0	0013	-	-				
	d	0	0	40	0	0013	-	-				
	e	0	0	40	0	0.013	-	-	0.0	0	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS *Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (a) AB, CP DATE 9-22-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG Phase II ROOM Mezanine

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears			
		ALPHA(a)		BETA (b)			GAMMA (c)*		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100c
M-33	a	2	24	34	0	0013	-	-				
	b	0	0	34	0	0013	-	-				
	c	0	0	48	240	0019	-	-				
	d	0	0	44	120	0016	-	-				
	e	2	24	54	430	0,023	-	-	0.0	0	4.0	5
M-34	a	2	24	62	670	0029	-	-	0.5	1	4.0	5
	b	0	0	50	310	0020	-	-				
	c	0	0	58	550	0026	-	-				
	d	2	24	56	490	0024	-	-				
	e	4	48	36	0	0013	-	-				
M-35	a	0	0	28	0	0013	-	-				
	b	4	48	56	490	0024	-	-				
	c	2	24	36	0	0013	-	-				
	d	0	0	50	310	0020	-	-				
	e	0	0	58	550	0026	-	-	0.0	0	1.5	1
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM -6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS * Gamma measurements at 1 m ranged from 2,000 to 4,000 c/m (7.8 to 10.6 uR/h)

SURVEY (s) CP, GF DATE 9-21-83

PHASE III

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA AISLE 11D - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
B,60	a	0	0	40	0	0.013	-	-				
	b	6	68	44	130	0.016	-	-	0.5	1	2.0	2
	c	4	45	34	0	0.013	-	-				
	d	4	45	42	64	0.014	-	-				
	e	4	45	4	0	0.013	-	-				
F,60	a	10	110	54	450	0.023	-	-				
	b	6	68	64	770	0.030	-	-				
	c	8	90	56	510	0.024	-	-	1.5	4	3.5	5
	d	6	68	74	1100	0.037	-	-				
	e	8	90	54	450	0.023	-	-				
H,60	a	4	45	68	900	0.033	-	-				
	b	6	68	90	1600	0.049	-	-	1.0	2	4.5	6
	c	2	23	62	700	0.029	-	-				
	d	0	0	64	770	0.030	-	-				
	e	2	23	90	1300	0.042	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) CC DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA AISLE 11D - WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
1,2	a	2	23	38	0	0.013	-	-				
(ESG)	b	2	23	30	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	23	30	0	0.013	-	-				
	e	10	110	24	0	0.013	-	-	0	0	2.5	3
26,3	a	0	0	40	0	0.013	-	-				
(ESG)	b	2	23	38	0	0.013	-	-				
	c	0	0	32	0	0.013	-	-				
	d	0	0	50	320	0.020	-	-				
	e	2	23	32	0	0.013	-	-	2.0	5	3.0	4
30,3	a	4	45	50	320	0.020	-	-				
(ESG)	b	2	23	54	450	0.023	-	-	0	0	4.5	6
	c	0	0	28	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	2	23	36	0	0.013	-	-				
D, 63	a	2	23	42	64	0.014	-	-	0	0	4.0	5
	b	0	0	32	0	0.013	-	-				
	c	0	0	54	450	0.023	-	-				
	d	0	0	42	64	0.014	-	-				
	e	2	23	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA AISLE 11D WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
E,63	a	4	45	40	0	0.013	-	-				
	b	2	23	30	0	0.0	-	-				
	c	4	45	46	190	0.017	-	-	0.5	1	4.5	6
	d	0	0	40	0	0.013	-	-				
	e	2	23	48	260	0.019	-	-				
G,63	a	2	23	46	190	0.017	-	-				
	b	4	45	54	450	0.023	-	-	0.5	1	2.0	2
	c	0	0	48	260	0.019	-	-				
	d	0	0	42	64	0.014	-	-				
	e	4	45	48	260	0.019	-	-				
I,63	a	0	0	48	260	0.019	-	-				
	b	0	0	50	320	0.020	-	-				
	c	2	23	40	0	0.013	-	-				
	d	0	0	28	0	0.0	-	-				
	e	8	90	44	130	0.016	-	-	0	0	4.0	5
C,63	a	0	0	38	0	0.0	-	-				
	b	4	45	46	190	0.017	-	-	0	0	2.5	3
	c	0	0	48	260	0.019	-	-				
	d	0	0	51	380	0.020	-	-				
	e	2	23	44	130	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA AISLE 11D WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
D,63	a	2	23	54	450	0.023	-	-				
	b	6	68	44	130	0.016	-	-	0	0	4.0	5
	c	0	0	39	0	0.013	-	-				
	d	4	45	52	380	0.022	-	-				
	e	2	23	52	380	0.022	-	-				
H,63	a	0	0	32	0	0.013	-	-				
	b	2	23	34	0	0.013	-	-				
	c	0	0	34	0	0.013	-	-				
	d	4	46	52	380	0.022	-	-	2.5	7	1.5	1
	e	0	0	34	0	0.013	-	-				
J,63	a	0	0	50	320	0.020	-	-				
	b	4	45	38	0	0.013	-	-	0	0	2.5	3
	c	0	0	38	0	0.013	-	-				
	d	0	0	46	190	0.017	-	-				
	e	2	23	38	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

FACILITY ESG - Phase III — ROOM/ AREA 11D CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
2,13	a	2	23	38	0	0.013	-	-				
	b	2	23	42	64	0.014	-	-				
	c	4	45	34	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	4	45	44	130	0.016	-	-	0	0	5.5	8
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS Also 11D CEILING

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11D-03 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
6,3 (ESG)	a	0	0	70	960	0.034	-	-				
	b	6	68	50	320	0.020	-	-				
	c	0	0	64	770	0.030	-	-				
	d	0	0	54	450	0.023	-	-				
	e	4	45	70	960	0.034	-	-	0.5	1	3.5	5
A,57	a	2	23	56	510	0.024	-	-				
	b	4	45	58	580	0.026	-	-				
	c	0	0	72	1000	0.036	-	-	0	0	2.0	2
	d	4	45	68	900	0.033	-	-				
	e	4	45	52	380	0.022	-	-				
B,54	a	4	45	94	1700	0.052	-	-				
	b	10	110	76	1200	0.039	-	-	0	0	3.0	4
	c	2	23	80	1300	0.042	-	-				
	d	4	45	70	960	0.034	-	-				
	e	0	0	84	1400	0.044	-	-				
B,57	a	2	23	66	830	0.032	-	-				
	b	0	0	50	320	0.020	-	-				
	c	4	45	82	1300	0.043	-	-	0	0	2.0	2
	d	0	0	64	770	0.030	-	-				
	e	2	23	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11D-03 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
B,60	a	4	45	36	0	0.013	-	-				
	b	2	23	62	700	0.029	-	-				
	c	4	45	62	700	0.029	-	-				
	d	6	68	70	960	0.034	-	-	0	0	2.0	2
	e	0	0	70	960	0.034	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA IID-03 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,8	a	0	0	44	130	0.016	-	-				
(ESG)	b	4	45	50	320	0.020	-	-	0	0	2.0	2
	c	0	0	34	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	0	0	44	130	0.016	-	-				
5,4	a	6	68	40	0	0.013	-	-				
(ESG)	b	0	0	64	770	0.030	-	-				
	c	8	90	46	190	0.017	-	-				
	d	4	45	32	0	0.013	-	-				
	e	4	45	68	900	0.033	-	-	0	0	2.0	2
B,54	a	6	68	24	0	0.013	-	-				
	b	4	45	46	190	0.017	-	-				
	c	0	0	50	320	0.020	-	-	0	0	4.5	6
	d	4	45	34	0	0.013	-	-				
	e	2	23	36	0	0.013	-	-				
A,57	a	2	23	64	770	0.030	-	-				
	b	6	68	52	380	0.022	-	-				
	c	0	0	54	450	0.023	-	-				
	d	2	23	72	1000	0.036	-	-	0.5	1	3.5	5
	e	0	0	28	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA IID-03 Wall

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,57	a	4	45	44	130	0.016	-	-				
	b	4	45	42	64	0.014	-	-				
	c	2	23	46	190	0.017	-	-				
	d	4	45	42	64	0.014	-	-				
	e	0	0	50	320	0.020	-	-	0.5	1	3.0	4
C,60	a	0	0	32	0	0.013	-	-				
	b	0	0	32	0	0.013	-	-				
	c	4	45	36	0	0.013	-	-	0	0	3.0	4
	d	0	0	34	0	0.013	-	-				
	e	4	45	32	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,18	a	8	90	56	510	0.024	-	-				
(ESG)	b	6	68	84	1400	0.044	-	-				
	c	10	110	86	1500	0.046	-	-				
	d	14	160	64	770	0.030	-	-				
	e	12	140	92	1700	0.050	-	-	0	0	3.5	5
2,15	a	2	23	78	1200	0.040	-	-				
(ESG)	b	6	68	88	1500	0.047	-	-				
	c	12	140	88	1500	0.047	-	-	0	0	2.5	3
	d	4	45	68	900	0.033	-	-				
	e	6	68	84	1400	0.044	-	-				
14,15	a	10	110	70	960	0.034	-	-	1.5	4	5.0	7
(ESG)	b	10	110	56	510	0.024	-	-				
	c	10	110	54	450	0.023	-	-				
	d	10	110	56	510	0.024	-	-				
	e	6	68	58	580	0.026	-	-				
18,7	a	6	68	118	2500	0.069	-	-				
(ESG)	b	6	68	90	1600	0.049	-	-				
	c	26	290	76	1200	0.039	-	-	0.5	1	4.0	5
	d	8	90	86	1500	0.046	-	-				
	e	10	110	44	130	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
33,15	a	2	23	120	2600	0.070	-	-				
(ESG)	b	6	68	74	1100	0.037	-	-				
	c	12	140	56	510	0.024	-	-	0	0	2.5	3
	d	4	45	70	960	0.034	-	-				
	e	6	68	88	1500	0.047	-	-				
A,27	a	28	320	102	2000	0.057	-	-	1.0	2	3.0	4
	b	12	140	54	450	0.023	-	-				
	c	10	110	76	1200	0.039	-	-				
	d	14	160	56	510	0.024	-	-				
	e	0	0	62	700	0.029	-	-				
A,30	a	2	23	92	1700	0.050	-	-				
(vi)	b	12	140	68	900	0.033	-	-	0.5	1	3.5	5
	c	6	68	86	1500	0.046	-	-				
	d	6	68	86	1500	0.046	-	-				
	e	14	160	46	190	0.017	-	-				
A,33	a	4	45	56	510	0.024	-	-				
(i)	b	6	68	70	960	0.034	-	-				
	c	2	23	80	1300	0.042	-	-				
	d	6	68	80	1300	0.042	-	-	0	0	3.0	4
	e	8	90	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, JS, GF DATE 12-15-83, 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A.33	a	4	45	72	1000	0.036	-	-				
(iii)	b	2	23	74	1100	0.037	-	-				
	c	16	180	52	380	0.022	-	-	0	0	1.0	0
	d	10	110	64	770	0.030	-	-				
	e	6	68	62	700	0.029	-	-				
A.33	a	10	110	94	1700	0.052	-	-				
(v)	b	8	90	112	2300	0.064	-	-				
	c	34	380	112	2300	0.064	-	-	0.5	1	4.0	5
	d	34	380	56	510	0.024	-	-				
	e	10	110	76	1200	0.039	-	-				
A.33	a	4	45	74	1100	0.037	-	-				
(vii)	b	8	90	66	830	0.032	-	-				
	c	6	68	72	1000	0.036	-	-				
	d	8	90	74	1100	0.037	-	-				
	e	10	110	72	1000	0.036	-	-	0.5	1	4.0	5
A.33	a	8	90	56	510	0.024	-	-				
(ix)	b	52	590	84	1900	0.044	-	-	1.0	2	2.5	3
	c	20	230	74	1100	0.037	-	-				
	d	16	180	56	510	0.024	-	-				
	e	26	290	80	1300	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TS, GF DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A.36	a	4	45	88	1500	0.047	-	-				
(ii)	b	0	0	68	900	0.033	-	-				
	c	8	90	78	1200	0.040	-	-				
	d	8	90	64	770	0.030	-	-				
	e	8	90	88	1500	0.047	-	-	0	0	0.5	0
A.36	a	10	110	70	960	0.034	-	-				
(iv)	b	10	110	94	1700	0.052	-	-	0	0	4.0	5
	c	6	68	60	690	0.027	-	-				
	d	12	140	82	1300	0.043	-	-				
	e	6	68	48	260	0.019	-	-				
A.36	a	8	90	58	580	0.026	-	-				
(vi)	b	6	68	50	320	0.020	-	-				
	c	10	110	74	1100	0.037	-	-	0	0	2.5	3
	d	8	90	62	700	0.029	-	-				
	e	2	23	66	830	0.032	-	-				
A.36	a	6	68	62	700	0.029	-	-				
(viii)	b	6	68	64	770	0.030	-	-				
	c	2	23	64	770	0.030	-	-				
	d	6	68	68	900	0.033	-	-				
	e	6	68	78	1200	0.040	-	-	0.5	1	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
A,39	a	4	45	62	700	0.029	-	-				
(i)	b	6	68	62	700	0.029	-	-				
	c	4	45	82	1300	0.043	-	-	0.5	1	2.0	2
	d	6	68	68	900	0.033	-	-				
	e	0	0	60	640	0.027	-	-				
A,39	a	18	200	78	1200	0.040	-	-	2.0	5	4.0	5
(iii)	b	4	45	68	900	0.033	-	-				
	c	0	0	62	700	0.029	-	-				
	d	12	140	78	1200	0.040	-	-				
	e	6	68	30	0	0.013	-	-				
A,39	a	10	110	44	130	0.016	-	-				
(v)	b	58	660	64	770	0.030	-	-	0.5	1	2.5	3
	c	12	140	52	380	0.022	-	-				
	d	6	68	76	1200	0.039	-	-				
	e	2	23	58	580	0.026	-	-				
A,39	a	8	90	44	130	0.016	-	-				
(vii)	b	20	230	54	450	0.023	-	-	0.5	1	3.0	4
	c	14	160	72	1000	0.036	-	-				
	d	10	110	80	1300	0.042	-	-				
	e	8	90	78	1200	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
A,39	a	14	160	66	830	0.032	-	-				
(ix)	b	6	68	80	1300	0.042	-	-				
	c	10	110	92	1700	0.050	-	-	0	0	3.0	4
	d	6	68	80	1300	0.042	-	-				
	e	6	68	70	960	0.034	-	-				
A,42	a	12	140	70	960	0.034	-	-				
(ii)	b	14	160	64	770	0.030	-	-				
	c	22	250	52	380	0.022	-	-				
	d	10	110	76	1200	0.039	-	-				
	e	20	230	58	580	0.026	-	-	2.0	5	4.0	5
A,42	a	6	68	72	1000	0.036	-	-				
(iv)	b	6	68	72	1000	0.036	-	-				
	c	2	23	80	1300	0.042	-	-				
	d	10	110	62	700	0.029	-	-				
	e	6	68	94	1700	0.052	-	-	0.5	1	2.5	3
A,42	a	14	160	66	830	0.032	-	-				
(vi)	b	10	110	84	1400	0.044	-	-				
	c	12	140	58	580	0.026	-	-				
	d	18	200	80	1300	0.042	-	-	0.5	1	2.5	3
	e	8	90	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,42	a	10	110	94	1700	0.052	-	-	0.5	1	2.0	2
(viii)	b	14	160	64	770	0.030	-	-				
	c	8	90	58	580	0.026	-	-				
	d	20	230	76	1200	0.039	-	-				
	e	12	140	70	960	0.034	-	-				
A,45	a	6	68	74	1100	0.037	-	-				
(i)	b	16	180	50	320	0.020	-	-				
	c	12	140	56	510	0.024	-	-				
	d	10	110	62	700	0.029	-	-				
	e	22	250	84	1400	0.044	-	-	0	0	3.0	4
A,45	a	18	200	82	1300	0.043	-	-				
(vii)	b	6	68	78	1200	0.040	-	-				
	c	6	68	82	1300	0.043	-	-				
	d	20	230	120	2600	0.070	-	-	2.0	5	2.0	2
	e	14	160	72	1000	0.036	-	-				
A,51	a	4	45	82	1300	0.043	-	-				
	b	4	45	74	1100	0.037	-	-				
	c	4	45	48	260	0.019	-	-				
	d	2	23	60	640	0.027	-	-				
	e	6	68	80	1300	0.042	-	-	0.5	1	4.5	6

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE, RG DATE 12-16-83, 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,24	a	8	90	54	450	0.023	-	-				
	b	8	90	72	1000	0.036	-	-				
	c	2	23	56	510	0.029	-	-				
	d	12	140	64	770	0.030	-	-	4.0	11	5.0	7
	e	8	90	90	1600	0.049	-	-				
B,27	a	8	90	64	770	0.030	-	-				
(i)	b	26	290	60	640	0.027	-	-	2.5	7	5.0	7
	c	22	250	70	960	0.034	-	-				
	d	14	160	66	830	0.032	-	-				
	e	16	180	72	1000	0.036	-	-				
B,27	a	12	140	70	960	0.034	-	-				
(iii)	b	20	230	66	830	0.032	-	-				
	c	30	340	78	1200	0.040	-	-	2.0	5	4.0	5
	d	6	68	56	510	0.024	-	-				
	e	10	110	74	1100	0.037	-	-				
B,33	a	8	90	76	1200	0.039	-	-				
(ii)	b	10	110	72	1000	0.036	-	-				
	c	10	110	68	900	0.033	-	-				
	d	2	23	56	510	0.024	-	-				
	e	12	140	70	960	0.034	-	-	0.5	1	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, JS, GF DATE 12-15-83, 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
B,33 (iii)	a	10	110	94	1400	0.044	-	-				
	b	16	180	78	1200	0.040	-	-	1.0	2	1.0	0
	c	14	160	58	580	0.026	-	-				
	d	12	140	68	900	0.033	-	-				
	e	10	110	74	1100	0.037	-	-				
B,33 (iv)	a	2	23	74	1100	0.037	-	-				
	b	10	110	70	960	0.034	-	-	2.0	5	2.5	3
	c	6	68	72	1000	0.036	-	-				
	d	4	45	76	1200	0.039	-	-				
	e	12	140	52	380	0.022	-	-				
B,33 (vi)	a	2	23	76	1200	0.039	-	-				
	b	2	23	72	1000	0.036	-	-				
	c	10	110	72	1000	0.036	-	-	0.5	1	3.0	4
	d	6	68	82	1300	0.043	-	-				
	e	6	68	52	380	0.022	-	-				
B,33 (viii)	a	2	23	82	1300	0.043	-	-				
	b	6	68	66	830	0.032	-	-				
	c	2	23	56	510	0.024	-	-				
	d	8	90	64	770	0.030	-	-	0.5	1	3.0	4
	e	4	45	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GF DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
B,33 (ix)	a	4	45	64	770	0.030	-	-				
	b	10	110	86	1500	0.046	-	-	2.0	5	3.5	5
	c	4	45	62	700	0.029	-	-				
	d	10	110	42	64	0.014	-	-				
	e	8	90	68	900	0.033	-	-				
B,36 (i)	a	6	68	76	1200	0.039	-	-				
	b	10	110	76	1200	0.039	-	-	0	0	1.5	1
	c	8	90	72	1000	0.036	-	-				
	d	6	68	78	1200	0.040	-	-				
	e	10	110	70	960	0.034	-	-				
B,36 (iii)	a	4	45	70	960	0.034	-	-				
	b	6	68	70	960	0.034	-	-				
	c	10	110	18	0	0.013	-	-				
	d	8	90	120	2600	0.070	-	-	1.0	2	1.5	1
	e	8	90	74	1100	0.037	-	-				
B,36 (v)	a	4	45	66	830	0.032	-	-				
	b	6	68	78	1200	0.040	-	-				
	c	10	110	58	580	0.026	-	-				
	d	4	45	58	580	0.026	-	-				
	e	6	68	84	1400	0.044	-	-	1.0	2	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GF, MD DATE 12-19-83, 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,36	a	6	68	66	930	0.032	-	-				
(vii)	b	6	68	80	1300	0.042	-	-	0.5	1	1.5	1
	c	6	68	66	930	0.032	-	-				
	d	6	68	76	1200	0.039	-	-				
	e	0	0	76	1200	0.039	-	-				
B,36	a	14	160	86	1500	0.046	-	-				
(ix)	b	14	160	68	900	0.033	-	-				
	c	16	180	68	900	0.033	-	-	0	0	6.0	9
	d	8	90	80	1300	0.042	-	-				
	e	4	45	66	830	0.032	-	-				
B,39	a	14	160	72	1000	0.036	-	-				
(ii)	b	4	45	60	640	0.027	-	-				
	c	14	160	72	1000	0.036	-	-	0	0	1.5	1
	d	6	68	76	1200	0.039	-	-				
	e	6	68	76	1200	0.039	-	-				
B,39	a	18	200	76	1200	0.039	-	-	0.5	1	0.5	0
(iv)	b	4	45	70	960	0.034	-	-				
	c	22	250	72	1000	0.036	-	-				
	d	14	160	92	1300	0.043	-	-				
	e	18	200	72	1000	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE DATE 12-19-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,39	a	4	45	64	770	0.030	-	-				
(vi)	b	2	23	68	900	0.033	-	-				
	c	8	90	72	1000	0.036	-	-	1.0	2	2.0	2
	d	6	68	84	1400	0.044	-	-				
	e	2	23	86	1500	0.046	-	-				
B,39	a	10	110	46	190	0.017	-	-				
(viii)	b	6	68	50	320	0.020	-	-				
	c	8	90	54	450	0.023	-	-				
	d	6	68	102	2000	0.057	-	-	0.5	1	4.0	5
	e	4	45	64	770	0.030	-	-				
B,42	a	4	45	76	1200	0.039	-	-				
(i)	b	12	140	64	770	0.030	-	-				
	c	6	68	56	510	0.024	-	-				
	d	16	180	74	1100	0.037	-	-	1.5	4	1.5	1
	e	8	90	86	1600	0.046	-	-				
B,42	a	8	90	72	1000	0.036	-	-				
(iii)	b	6	68	72	1000	0.036	-	-				
	c	14	160	84	1400	0.044	-	-	1.5	4	1.5	1
	d	6	68	62	700	0.029	-	-				
	e	16	180	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE DATE 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,42 (v)	a	18	200	92	1700	0.050	-	-	0	0	3.5	5
	b	2	23	64	770	0.030	-	-				
	c	4	45	68	900	0.033	-	-				
	d	4	45	68	900	0.033	-	-				
	e	14	160	74	1100	0.037	-	-				
B,42 (vii)	a	4	45	56	510	0.024	-	-				
	b	8	90	62	700	0.029	-	-				
	c	10	110	74	1100	0.037	-	-	0	0	3.5	5
	d	6	68	42	64	0.014	-	-				
	e	6	68	64	770	0.030	-	-				
B,42 (ix)	a	8	90	48	260	0.019	-	-				
	b	10	110	78	1200	0.040	-	-	1.0	2	3.5	5
	c	8	90	62	700	0.029	-	-				
	d	8	90	60	640	0.027	-	-				
	e	8	90	58	580	0.026	-	-				
B,45 (iv)	a	6	68	68	900	0.033	-	-				
	b	14	160	56	510	0.024	-	-				
	c	10	110	94	1700	0.052	-	-				
	d	14	160	92	1700	0.050	-	-	0	0	2.0	2
	e	12	140	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM 9.337 (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,45 (ix)	a	6	68	88	1500	0.047	-	-				
	b	8	90	64	770	0.030	-	-				
	c	10	110	68	900	0.033	-	-				
	d	12	140	88	1500	0.047	-	-	1.0	2	3.0	4
	e	4	45	66	830	0.032	-	-				
C,27 (ii)	a	22	250	80	1300	0.042	-	-				
	b	36	410	96	1800	0.053	-	-				
	c	42	480	100	1900	0.056	-	-	4.5	12	4.0	5
	d	34	380	136	3100	0.082	-	-				
	e	18	200	84	1400	0.044	-	-				
C,27 (iv)	a	46	520	194	4900	0.123	-	-				
	b	24	270	90	1600	0.049	-	-				
	c	28	320	102	2000	0.057	-	-				
	d	38	430	66	830	0.032	-	-				
	e	58	660	230	6100	0.149	-	-	2.0	5	5.5	8
C,27 (vi)	a	14	160	74	1100	0.037	-	-				
	b	78	880	130	2900	0.077	-	-	5.5	15	9.0	15
	c	50	570	128	2800	0.076	-	-				
	d	30	390	74	1100	0.037	-	-				
	e	16	180	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, JS, GF DATE 12-15-83, 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
C,27	a	32	360	94	1700	0.052	-	-	3.0	8	4.0	5
(viii)	b	26	290	86	1500	0.046	-	-				
	c	4	45	70	960	0.034	-	-				
	d	8	90	74	1100	0.037	-	-				
	e	32	360	98	1500	0.047	-	-				
C,30	a	10	110	82	1300	0.043	-	-				
(i)	b	12	140	60	640	0.027	-	-				
	c	24	270	80	1300	0.042	-	-				
	d	14	160	72	1000	0.036	-	-				
	e	28	320	52	380	0.022	-	-	2.5	7	4.5	6
C,30	a	24	270	102	2000	0.057	-	-				
(vii)	b	28	320	94	1700	0.052	-	-	3.5	10	5.0	7
	c	12	140	54	450	0.023	-	-				
	d	8	90	62	700	0.029	-	-				
	e	24	270	58	580	0.026	-	-				
C,33	a	10	110	52	380	0.022	-	-				
	b	6	68	72	1000	0.036	-	-				
	c	12	140	44	130	0.016	-	-				
	d	10	110	80	1300	0.042	-	-	0	0	1.5	0
	e	10	110	58	580	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR(s) JS, GF, RG, MD DATE 12-19-83, 12-15-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
C,39	a	12	140	76	1200	0.039	-	-				
	b	8	90	72	1000	0.036	-	-				
	c	2	23	44	130	0.016	-	-				
	d	10	110	54	450	0.023	-	-				
	e	18	200	72	1000	0.036	-	-	0.5	1	2.0	2
C,54	a	8	90	54	450	0.023	-	-				
	b	12	140	50	320	0.020	-	-				
	c	16	180	84	1400	0.044	-	-				
	d	6	68	58	580	0.026	-	-				
	e	20	230	72	1000	0.036	-	-	4.0	11	4.5	6
D,27	a	10	110	60	640	0.027	-	-				
(i)	b	0	0	62	700	0.029	-	-				
	c	6	68	74	1100	0.037	-	-				
	d	14	160	74	1100	0.037	-	-	1.0	2	2.5	3
	e	10	110	62	700	0.029	-	-				
D,27	a	4	45	74	1100	0.037	-	-				
(iii)	b	4	45	84	1400	0.044	-	-				
	c	6	68	198	5000	0.126	-	-	4.0	11	7.0	11
	d	4	45	88	1500	0.047	-	-				
	e	2	23	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR(s) RG, MD, JS, GF DATE 12-15-83, 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
D,27 (v)	a	12	140	76	1200	0.039	-	-	2.0	5	2.0	2
	b	6	68	66	830	0.032	-	-				
	c	10	110	64	770	0.030	-	-				
	d	8	90	106	2100	0.060	-	-				
	e	2	23	74	1100	0.037	-	-				
D,27 (vii)	a	0	0	46	190	0.017	-	-				
	b	4	45	54	450	0.023	-	-				
	c	4	45	64	770	0.040	-	-				
	d	6	68	62	700	0.029	-	-				
	e	4	45	78	1200	0.040	-	-	5.0	14	5.0	7
D,27 (ix)	a	6	68	62	700	0.029	-	-				
	b	6	68	64	770	0.030	-	-				
	c	10	110	76	1200	0.039	-	-				
	d	14	160	106	2100	0.060	-	-	0	0	0.5	0
	e	12	140	84	1400	0.044	-	-				
D,30 (iv)	a	18	200	82	1300	0.043	-	-	2.0	5	5.5	8
	b	8	90	60	640	0.027	-	-				
	c	8	90	70	960	0.034	-	-				
	d	2	23	82	1300	0.043	-	-				
	e	8	90	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR(s) JS, GE DATE 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
D,30 (ix)	a	6	68	42	64	0.014	-	-				
	b	4	45	64	770	0.030	-	-				
	c	0	0	72	1000	0.036	-	-				
	d	0	0	54	450	0.023	-	-				
	e	6	68	68	900	0.033	-	-	3.0	8	8.0	13
D,33	a	8	90	66	830	0.032	-	-				
	b	4	45	58	580	0.026	-	-				
	c	6	68	66	830	0.032	-	-				
	d	4	45	94	1700	0.052	-	-				
	e	14	160	104	2000	0.059	-	-	0.5	1	2.5	3
D,39	a	8	90	74	1100	0.037	-	-				
	b	4	45	78	1200	0.040	-	-				
	c	2	23	80	1300	0.042	-	-				
	d	4	45	88	1500	0.047	-	-				
	e	10	110	64	770	0.030	-	-	1.5	4	3.5	5
D,45	a	2	23	50	320	0.020	-	-				
	b	8	90	104	2000	0.059	-	-				
	c	24	270	86	1500	0.046	-	-	5.0	14	9.0	15
	d	8	90	70	960	0.034	-	-				
	e	6	68	86	1500	0.046	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR(s) JS, GE, RG, MD DATE 12-19-83, 12-15-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
D, 51	a	2	23	72	1000	0.036	-	-				
	b	8	90	58	580	0.026	-	-				
	c	8	90	80	1300	0.042	-	-	4.5	12	4.0	5
	d	6	68	84	1400	0.044	-	-				
	e	2	23	60	640	0.027	-	-				
E, 27	a	12	140	74	1100	0.037	-	-				
(ii)	b	10	110	70	960	0.034	-	-				
	c	8	90	90	1600	0.049	-	-				
	d	16	180	52	380	0.022	-	-	2.5	7	0.5	0
	e	8	90	134	3000	0.080	-	-				
E, 27	a	4	45	96	1800	0.053	-	-				
(iv)	b	8	90	100	1900	0.056	-	-	3.0	8	6.5	10
	c	8	90	98	1900	0.054	-	-				
	d	6	68	78	1200	0.040	-	-				
	e	2	23	70	960	0.034	-	-				
E, 27	a	4	45	64	770	0.030	-	-				
(vi)	b	8	90	74	1100	0.037	-	-				
	c	10	110	42	64	0.014	-	-				
	d	6	68	68	900	0.033	-	-				
	e	4	45	90	1600	0.049	-	-	1.0	2	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, JS, GE DATE 12-15-83, 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E, 27	a	6	68	90	1600	0.049	-	-				
(viii)	b	6	68	84	1400	0.044	-	-				
	c	10	110	106	2100	0.060	-	-	3.0	8	4.0	5
	d	6	68	68	900	0.033	-	-				
	e	12	140	76	1200	0.039	-	-				
E, 30	a	10	110	90	1600	0.049	-	-	2.0	5	3.0	4
(i)	b	6	68	74	1100	0.037	-	-				
	c	6	68	56	510	0.024	-	-				
	d	10	110	62	700	0.029	-	-				
	e	8	90	82	1300	0.043	-	-				
E, 30	a	2	23	58	580	0.026	-	-				
(ii)	b	6	68	82	1300	0.043	-	-	1.5	4	2.5	3
	c	6	68	76	1200	0.039	-	-				
	d	8	90	68	900	0.033	-	-				
	e	6	68	76	1200	0.039	-	-				
E, 30	a	10	110	84	1400	0.044	-	-				
(vi)	b	6	68	86	1500	0.046	-	-				
	c	12	140	74	1100	0.037	-	-				
	d	18	200	68	900	0.033	-	-				
	e	0	0	104	2000	0.059	-	-	0.5	1	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GE DATE 12-19-83

FACILITY ESG - Phase III

GRID BLOCK	POINT	DIRECT PROBE MEASU ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100c
E,30 (vii)	a	10	110	60	640
	b	8	90	68	900
	c	14	160	60	640
	d	4	45	56	510
	e	4	45	76	1200
E,30 (viii)	a	8	90	74	1100
	b	4	45	64	770
	c	4	45	74	1100
	d	4	45	116	240
	e	8	90	66	83
E,33 (ii)	a	4	45	74	1100
	b	10	110	52	380
	c	4	45	74	110
	d	2	23	78	120
	e	4	45	88	1600
E,33 (viii)	a	2	23	42	6
	b	8	90	80	13
	c	2	23	52	380
	d	10	110	58	580
	e	8	90	90	16

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + G

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m

REMARKS

SURVEYOR (s) TS, GF

FACILITY ESG - Phase II

GRID BLOCK	POINT	DIRECT PROBE MEA ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/10
E,39	a	8	90	70	960
	b	8	90	68	9
	c	6	68	48	2
	d	6	68	76	1200
	e	4	45	50	3
E,48	a	4	45	62	7
	b	6	68	48	260
	c	10	110	90	1600
	d	8	90	74	1
	e	6	68	76	1
E,27 (i)	a	6	68	80	130
	b	0	0	70	
	c	0	0	66	
	d	10	110	80	130
	e	10	110	56	51
E,27 (iii)	a	8	90	72	1
	b	2	23	70	
	c	10	110	70	96
	d	6	68	62	
	e	6	68	74	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + G

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m

REMARKS

SURVEYOR (s) RG, MD, TS, GF

CONTAMINATION S[illegible]EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100c
A,36	a	2	23	48	260	0.019	-	-				
	b	2	23	66	830	0.032	-	-				
	c	4	45	62	700	0.029	-	-				
	d	0	0	62	700	0.029	-	-				
	e	10	110	80	1300	0.042	-	-	1.0	2	2.5	3
A,39	a	0	0	56	510	0.024	-	-				
	b	4	45	60	640	0.027	-	-				
	c	4	45	56	510	0.024	-	-				
	d	0	0	76	1200	0.039	-	-	0	0	1.5	1
	e	0	0	54	450	0.023	-	-				
C,57	a	6	68	64	770	0.030	-	-	1.0	2	3.0	4
	b	4	45	56	510	0.024	-	-				
	c	12	136	52	380	0.022	-	-				
	d	6	68	50	320	0.020	-	-				
	e	4	45	36	0	0.013	-	-				
A,54	a	8	90	62	700	0.029	-	-	0.5	1	1.5	1
	b	6	68	38	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	2	23	50	320	0.020	-	-				
	e	4	45	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS 1119-S3 WALL

SURVEYOR (s) RG, MD, LH, GF DATE 12-13-83, 12-14-83

CONTAMINATION S[illegible]EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100c
F,60	a	0	0	36	0	0.013	-	-				
	b	2	23	22	0	0.013	-	-				
	c	0	0	30	0	0.013	-	-				
	d	2	23	42	130	0.014	-	-	0	0	1.0	0
	e	0	0	34	0	0.013	-	-				
G,60	a	6	68	34	0	0.013	-	-				
	b	8	90	42	130	0.014	-	-				
	c	0	0	50	320	0.020	-	-	0	0	5.0	7
	d	4	45	42	130	0.014	-	-				
	e	4	45	44	190	0.016	-	-				
H,57	a	4	45	42	130	0.014	-	-				
	b	4	45	44	190	0.016	-	-	0.5	1	2.0	2
	c	2	23	28	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	2	23	44	190	0.016	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH, GF DATE 12-14-83, 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
5,13	a	8	90	20	0	0.013	-	-				
(ESG)	b	0	0	32	0	0.013	-	-				
	c	0	0	22	0	0.013	-	-				
	d	6	68	40	0	0.013	-	-	0.5	1	1.0	0
	e	2	23	28	0	0.013	-	-				
11,13	a	6	68	20	0	0.013	-	-				
(ESG)	b	0	0	40	0	0.013	-	-				
	c	4	45	36	0	0.013	-	-	0	0	2.0	2
	d	0	0	36	0	0.013	-	-				
	e	0	0	40	0	0.013	-	-				
14,18	a	0	0	28	0	0.013	-	-				
(ESG)	b	0	0	32	0	0.013	-	-				
	c	2	23	30	0	0.013	-	-				
	d	0	0	54	450	0.023	-	-				
	e	10	110	42	64	0.014	-	-	1.5	4	1.5	1
15,4	a	6	68	62	700	0.029	-	-	0	0	1.0	0
(ESG)	b	2	23	42	64	0.014	-	-				
	c	0	0	40	0	0.013	-	-				
	d	4	45	24	0	0.013	-	-				
	e	2	23	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR(s) RG, MD DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
26,6	a	6	68	56	510	0.029	-	-	0	0	2.0	2
(ESG)	b	2	23	40	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	6	68	48	260	0.019	-	-				
	e	0	0	48	260	0.019	-	-				
28,11	a	0	0	44	130	0.016	-	-				
(ESG)	b	4	45	26	0	0.013	-	-				
	c	2	23	50	320	0.020	-	-				
	d	8	90	44	130	0.016	-	-	0	0	4.0	5
	e	4	45	36	0	0.013	-	-				
30,16	a	2	23	48	260	0.019	-	-				
(ESG)	b	4	45	40	0	0.013	-	-				
	c	4	45	44	130	0.016	-	-	0	0	0.5	0
	d	2	23	46	190	0.017	-	-				
	e	2	23	30	0	0.013	-	-				
A,42	a	2	23	20	0	0.013	-	-				
	b	10	110	40	0	0.013	-	-	0	0	3.0	4
	c	2	23	32	0	0.013	-	-				
	d	2	23	36	0	0.013	-	-				
	e	4	45	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR(s) RG, MD DATE 12-12-83

FACILITY ESG - Phase III ROOM / AREA 1119-S3 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
D,48	a	0	0	30	0	0.013	-	-				
	b	12	136	32	0	0.013	-	-	0.5	1	5.0	7
	c	6	68	38	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	4	45	38	0	0.013	-	-				
E,36	a	0	0	38	0	0.013	-	-				
	b	6	68	30	0	0.013	-	-				
	c	10	110	60	640	0.027	-	-	0.5	1	4.0	5
	d	2	23	48	260	0.019	-	-				
	e	6	68	48	260	0.019	-	-				
E,54	a	0	0	34	0	0.013	-	-				
	b	2	23	42	64	0.014	-	-				
	c	0	0	28	0	0.013	-	-				
	d	14	158	40	0	0.013	-	-	0	0	3.0	4
	e	4	45	32	0	0.013	-	-				
F,36	a	6	68	44	130	0.016	-	-	0	0	2.5	3
	b	6	68	28	0	0.013	-	-				
	c	2	23	40	0	0.013	-	-				
	d	4	45	58	580	0.026	-	-				
	e	4	45	42	64	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-12-83, 12-13-83

CONTAMINATION S .VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
7,11	a	6	68	76	1200	0.039	-	-				
(ESG)	b	8	90	76	1200	0.039	-	-				
	c	10	110	124	2700	0.073	-	-	2.5	7	2.0	2
	d	8	90	74	1100	0.037	-	-				
	e	8	90	74	1100	0.037	-	-				
13,17	a	4	45	46	190	0.017	-	-				
(ESG)	b	0	0	68	900	0.033	-	-				
	c	6	68	58	580	0.026	-	-	5.0	14	5.5	8
	d	0	0	60	640	0.027	-	-				
	e	2	23	82	1300	0.043	-	-				
13,7	a	12	140	58	580	0.026	-	-				
(ESG)	b	12	140	86	1500	0.046	-	-				
	c	14	160	62	700	0.029	-	-	1.0	2	3.5	5
	d	4	45	82	1300	0.043	-	-				
	e	6	68	64	770	0.030	-	-				
18,20	a	4	45	56	510	0.024	-	-				
(ESG)	b	2	23	50	320	0.020	-	-				
	c	2	23	54	450	0.023	-	-				
	d	4	45	58	580	0.026	-	-	1.5	4	3.5	5
	e	2	23	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

CONTAMINATION S .VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
21,3	a	0	0	52	380	0.022	-	-				
(ESG)	b	0	0	56	510	0.024	-	-				
	c	6	68	78	1200	0.040	-	-				
	d	8	90	68	900	0.033	-	-	0	0	2.0	2
	e	4	45	70	960	0.034	-	-				
A,0	a	6	68	80	1300	0.042	-	-				
	b	4	45	42	64	0.014	-	-				
	c	8	90	56	510	0.024	-	-	0	0	2.0	2
	d	2	23	60	640	0.027	-	-				
	e	6	68	60	640	0.027	-	-				
A,3	a	0	0	92	1700	0.050	-	-				
	b	4	45	70	960	0.034	-	-				
	c	6	68	56	510	0.024	-	-	1.0	2	4.0	5
	d	2	23	80	1300	0.042	-	-				
	e	4	45	58	580	0.026	-	-				
A,9	a	14	160	94	1700	0.052	-	-	2.5	7	3.5	5
	b	8	90	102	2000	0.057	-	-				
	c	8	90	74	1100	0.037	-	-				
	d	6	68	62	700	0.029	-	-				
	e	10	110	82	1300	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH DATE 12-15-83, 12-16-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
G,45	a	8	90	80	1300	0.042	-	-				
(ix)	b	12	140	60	640	0.027	-	-	0	0	1.5	1
	c	4	45	74	1100	0.037	-	-				
	d	6	68	88	1500	0.047	-	-				
	e	2	23	72	1000	0.036	-	-				
G,48	a	14	160	86	1500	0.046	-	-				
(viii)	b	16	180	92	1700	0.050	-	-	0	0	3.5	5
	c	6	68	78	1200	0.040	-	-				
	d	6	68	48	260	0.019	-	-				
	e	12	140	82	1300	0.043	-	-				
G,48	a	8	90	70	960	0.034	-	-				
(ix)	b	8	90	82	1300	0.043	-	-				
	c	10	110	54	450	0.023	-	-	0	0	2.5	3
	d	4	45	68	900	0.033	-	-				
	e	2	23	76	1200	0.039	-	-				
G,51	a	2	23	74	1100	0.037	-	-				
(viii)	b	6	68	34	0	0.013	-	-				
	c	0	0	78	1200	0.040	-	-				
	d	6	68	86	1500	0.046	-	-	0	0	2.5	3
	e	2	23	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-20-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
G,54	a	4	45	64	770	0.030	-	-				
(vii)	b	4	45	62	700	0.029	-	-				
	c	0	0	48	260	0.019	-	-				
	d	6	68	78	1200	0.040	-	-				
	e	6	68	84	1400	0.044	-	-	6.5	18	6.5	10
G,54	a	6	68	74	1100	0.037	-	-				
(ix)	b	12	140	82	1300	0.043	-	-				
	c	8	90	66	830	0.032	-	-				
	d	10	110	80	1300	0.042	-	-				
	e	6	68	68	900	0.033	-	-	0.5	1	4.0	5
G,57	a	8	90	58	580	0.026	-	-				
(viii)	b	2	23	84	1400	0.044	-	-				
	c	6	68	74	1100	0.037	-	-				
	d	12	140	68	900	0.033	-	-	0.5	1	2.5	3
	e	10	110	72	1000	0.036	-	-				
G,54	a	10	110	74	1100	0.037	-	-				
(ix)	b	4	45	94	1700	0.052	-	-				
	c	6	68	80	1300	0.042	-	-				
	d	12	140	68	900	0.033	-	-				
	e	14	160	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS, MD DATE 12-20-83, 12-15-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
6,3 (ESG)	a	2	23	48	260	0.019	-	-				
	b	0	0	18	0	0.013	-	-				
	c	2	23	48	260	0.019	-	-				
	d	0	0	48	260	0.019	-	-	0.5	1	1.0	0
	e	2	23	36	0	0.013	-	-				
13,2 (ESG)	a	4	45	60	640	0.027	-	-	1.0	2	5.5	8
	b	2	23	38	0	0.013	-	-				
	c	2	23	50	320	0.020	-	-				
	d	2	23	40	0	0.013	-	-				
	e	2	23	48	260	0.019	-	-				
14,3 (ESG)	a	4	45	32	0	0.013	-	-	0	0	2.0	2
	b	2	23	32	0	0.013	-	-				
	c	2	23	30	0	0.013	-	-				
	d	4	45	24	0	0.013	-	-				
	e	0	0	56	510	0.024	-	-				
17,6 (ESG)	a	2	23	46	190	0.017	-	-	2.0	5	3.0	4
	b	0	0	34	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	0	0	20	0	0.013	-	-				
	e	2	23	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS 1119-S3 WALL

SURVEYOR (s) RG, MD DATE 12-13-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-S3 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
H,54	a	0	0	36	0	0.013	-	-	0	0	3.0	4
	b	4	45	52	380	0.022	-	-				
	c	4	45	50	320	0.020	-	-				
	d	2	23	40	0	0.013	-	-				
	e	6	68	36	0	0.013	-	-				
29,5 (ESG)	a	2	23	50	320	0.020	-	-				
	b	2	23	60	640	0.027	-	-				
	c	0	0	72	1000	0.036	-	-				
	d	6	68	62	700	0.029	-	-	6.0	17	5.0	7
	e	8	90	38	0	0.013	-	-				
A,24	a	0	0	42	64	0.014	-	-				
	b	0	0	70	960	0.034	-	-				
	c	2	23	76	1200	0.039	-	-	1.0	2	4.5	6
	d	4	45	40	0	0.013	-	-				
	e	2	23	50	320	0.020	-	-				
A,30	a	10	110	40	0	0.013	-	-				
	b	4	45	68	900	0.033	-	-	1.5	4	5.0	7
	c	4	45	44	130	0.016	-	-				
	d	8	90	66	830	0.032	-	-				
	e	4	45	54	450	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS 1119-S3 WALL

SURVEYOR (s) PE, GE, LH, RG, MD DATE 12-14-83, 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
F,27	a	4	45	54	450	0.023	-	-				
(v)	b	2	23	88	1500	0.047	-	-	1.0	2	2.5	3
	c	8	90	52	380	0.022	-	-				
	d	6	68	60	640	0.027	-	-				
	e	8	90	46	190	0.017	-	-				
F,27	a	14	160	94	1700	0.052	-	-	1.0	2	4.0	5
(vii)	b	2	23	64	770	0.030	-	-				
	c	4	45	100	1900	0.056	-	-				
	d	4	45	52	380	0.022	-	-				
	e	16	180	48	260	0.019	-	-				
E,27	a	14	160	70	960	0.034	-	-				
(ix)	b	6	68	72	1000	0.036	-	-				
	c	6	68	92	1700	0.050	-	-				
	d	16	180	98	1900	0.054	-	-	4.5	12	5.0	7
	e	0	0	74	1100	0.037	-	-				
E,30	a	4	45	76	1200	0.039	-	-				
(iii)	b	2	23	82	1300	0.043	-	-				
	c	12	140	70	960	0.034	-	-	2.0	5	4.0	5
	d	2	23	52	380	0.022	-	-				
	e	4	45	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GF DATE 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-53 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,30	a	10	110	82	1300	0.043	-	-				
(v)	b	8	90	102	2000	0.057	-	-	0	0	2.5	3
	c	10	110	56	510	0.024	-	-				
	d	4	45	66	830	0.032	-	-				
	e	6	68	72	1000	0.036	-	-				
F,30	a	14	160	92	1700	0.050	-	-	3.0	8	3.5	5
(ix)	b	8	90	54	450	0.023	-	-				
	c	6	68	62	700	0.029	-	-				
	d	4	45	60	640	0.027	-	-				
	e	4	45	68	900	0.033	-	-				
E,33	a	4	45	60	640	0.027	-	-				
(v)	b	6	68	50	320	0.020	-	-				
	c	10	110	74	1100	0.037	-	-				
	d	26	290	54	450	0.023	-	-	3.0	8	5.0	7
	e	0	0	46	190	0.017	-	-				
E,33	a	12	140	84	1400	0.044	-	-				
(iv)	b	2	23	88	1500	0.047	-	-				
	c	6	68	82	1300	0.043	-	-				
	d	18	200	94	1700	0.052	-	-	1.0	2	5.0	7
	e	12	140	84	1400	0.044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GF, RG, MD DATE 12-19-83, 12-15-83

CONTAMINATION S. VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,39 (ii)	a	10	110	74	1100	0.037	-	-				
	b	8	90	48	260	0.019	-	-				
	c	4	45	60	640	0.027	-	-				
	d	8	90	68	900	0.033	-	-				
	e	4	45	62	700	0.029	-	-				
F,39 (vii)	a	4	45	56	510	0.024	-	-				
	b	16	180	92	1700	0.050	-	-				
	c	6	68	76	1200	0.039	-	-				
	d	4	45	56	510	0.024	-	-				
	e	8	90	74	1100	0.037	-	-				
F,51	a	4	45	68	900	0.033	-	-				
	b	4	45	56	510	0.024	-	-				
	c	4	45	52	380	0.022	-	-				
	d	2	23	72	1000	0.036	-	-				
	e	8	90	42	64	0.014	-	-	10.0	28	8.0	13
G,24	a	20	230	178	4400	0.112	-	-	0.5	1	6.0	9
	b	12	140	172	4200	0.107	-	-				
	c	16	180	100	1900	0.056	-	-				
	d	4	45	84	1400	0.044	-	-				
	e	20	230	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, JS, LH DATE 12-20-83, 12-15-83, 12-16-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-53 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G,36	a	16	180	78	1200	0.040	-	-				
	b	30	340	68	900	0.033	-	-				
	c	22	250	78	1200	0.040	-	-	2.0	5	4.5	6
	d	16	180	30	0	0.013	-	-				
	e	12	140	88	1500	0.047	-	-				
G,39 (iv)	a	6	68	60	640	0.027	-	-				
	b	4	45	80	1300	0.042	-	-				
	c	12	140	66	930	0.032	-	-	2.5	7	2.5	3
	d	0	0	54	450	0.023	-	-				
	e	2	23	58	580	0.026	-	-				
G,42 (vii)	a	4	45	66	830	0.032	-	-				
	b	6	68	68	900	0.033	-	-				
	c	4	45	122	2600	0.072	-	-				
	d	14	160	52	380	0.022	-	-	1.0	2	1.5	1
	e	2	23	72	1000	0.036	-	-				
G,42 (ix)	a	10	110	68	900	0.033	-	-				
	b	10	110	82	1300	0.043	-	-				
	c	12	140	58	580	0.026	-	-				
	d	12	140	64	770	0.030	-	-	0	0	0.5	0
	e	6	68	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & MD & JS DATE 12-15-83, 12-20-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,12 (iii)	a	30	340	182	4500	0.114	-	-	1.0	2	3.5	5
	b	22	250	188	4700	0.119	-	-				
	c	22	250	60	640	0.027	-	-				
	d	14	160	66	830	0.092	-	-				
	e	16	180	86	1500	0.096	-	-				
A,12 (v)	a	12	140	96	1800	0.053	-	-	2.5	7	4.0	5
	b	14	160	98	1900	0.054	-	-				
	c	6	68	72	1000	0.036	-	-				
	d	12	140	86	1500	0.046	-	-				
	e	12	140	64	770	0.030	-	-				
A,12 (vii)	a	4	45	76	1200	0.039	-	-				
	b	12	140	56	510	0.024	-	-				
	c	12	140	92	1700	0.050	-	-	2.0	5	2.5	3
	d	10	110	74	1100	0.037	-	-				
	e	6	68	92	1700	0.050	-	-				
A,12 (ix)	a	10	110	64	770	0.030	-	-				
	b	6	68	90	1600	0.049	-	-				
	c	8	90	80	1300	0.042	-	-				
	d	10	110	82	1300	0.043	-	-	2.0	5	5.0	7
	e	8	90	96	1800	0.053	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & MD DATE 12-19-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,15 (ii)	a	18	200	240	6400	0.156	-	-				
	b	16	180	104	2000	0.059	-	-				
	c	60	690	158	3800	0.097	-	-	1.0	2	3.0	4
	d	14	160	118	2500	0.069	-	-				
	e	26	290	138	3100	0.083	-	-	-			
A,15 (iv)	a	34	380	110	2200	0.063	-	-	1.0	2	3.5	5
	b	-	-	-	-	-	-	-				
	c	-	-	-	-	-	-	-				
	d	22	250	150	3500	0.092	-	-				
	e	-	-	-	-		-	-				
A,15 (vi)	a	14	160	112	2300	0.064	-	-				
	b	22	250	86	1500	0.046	-	-	2.0	5	4.0	5
	c	18	200	116	2900	0.067	-	-				
	d	4	45	70	960	0.034	-	-				
	e	8	90	66	830	0.032	-	-				
A,15 (viii)	a	22	250	98	1900	0.054	-	-				
	b	40	450	136	3100	0.082	-	-	1.0	2	6.0	9
	c	8	90	76	1200	0.039	-	-				
	d	8	90	78	1200	0.040	-	-				
	e	-	-	-	-	-	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CON

FACILITY ESG - 1

GRID BLOCK	POINT	ALPHA(a) c/m	ALPHA(a) d/m/100cm²	DIRECT c/m
A,18 (i)	a	12	140	82
	b	14	160	98
	c	16	180	88
	d	16	180	90
	e	28	320	80
A,18 (iii)	a	10	110	96
	b	2	23	84
	c	16	180	68
	d	2	23	66
	e	10	110	84
A,18 (vii)	a	4	45	106
	b	10	110	88
	c	4	45	68
	d	6	68	100
	e	—	—	—
A,18 (ix)	a	4	45	80
	b	6	68	72
	c	4	45	80
	d	8	90	56
	e	—	—	—

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PR

BACKGROUND (a) @ 1 c/m (b)

REMARKS

SURVEYOR (s) MD, LH

C

FACILITY ESG -

GRID BLOCK	POINT	ALPHA(a) c/m	ALPHA(a) d/m/100cm²	DIRE c/m
A,21 (ii)	a	16	180	76
	b	0	0	8
	c	8	90	78
	d	16	180	80
	e	10	110	7
A,21 (iv)	a	22	250	6
	b	16	180	90
	c	30	340	12
	d	18	200	7
	e	32	360	70
A,21 (viii)	a	10	110	68
	b	18	200	1
	c	8	90	8
	d	22	250	89
	e	16	180	6
B,0	a	2	23	6
	b	0	0	88
	c	0	0	56
	d	8	90	4
	e	4	45	(

INSTRUMENTS USED (a) PRS-1 + ZnS (b)

BACKGROUND (a) @ 1 c/m (

REMARKS

SURVEYOR (s) JS, GF, LH, AG

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,6	a	10	110	74	1100	0.037	-	-	0.5	1	2.0	2
	b	2	23	98	1500	0.047	-	-				
	c	6	68	56	510	0.024	-	-				
	d	8	90	106	2100	0.060	-	-				
	e	4	45	64	770	0.030	-	-				
B,9	a	6	68	74	1100	0.037	-	-				
	b	16	180	78	1200	0.040	-	-	1.0	2	3.0	4
	c	6	68	62	700	0.029	-	-				
	d	12	140	76	1200	0.039	-	-				
	e	6	68	52	380	0.022	-	-				
B,12	a	14	160	60	640	0.027	-	-				
(ii)	b	12	140	82	1300	0.043	-	-				
	c	12	140	70	960	0.034	-	-				
	d	16	180	74	1100	0.037	-	-	1.0	2	4.0	5
	e	10	110	72	1000	0.036	-	-				
B,12	a	8	90	82	1300	0.043	-	-				
(iv)	b	10	110	78	1200	0.040	-	-	0	0	2.0	2
	c	4	45	90	1600	0.049	-	-				
	d	10	110	68	900	0.033	-	-				
	e	-	-	82	1300	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG, MD DATE 12-16-83, 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,12	a	10	110	96	1800	0.053	-	-	1.0	2	5.5	8
(vi)	b	10	110	76	1200	0.039	-	-				
	c	10	110	58	580	0.026	-	-				
	d	6	68	86	1500	0.046	-	-				
	e	4	45	70	960	0.034	-	-				
B,12	a	8	90	64	770	0.030	-	-				
(viii)	b	10	110	58	580	0.026	-	-				
	c	8	90	118	2500	0.069	-	-				
	d	12	140	90	1600	0.049	-	-				
	e	14	160	90	1600	0.049	-	-	2.0	5	5.5	8
B,15	a	20	230	116	2400	0.067	-	-				
(iii)	b	20	230	232	6100	0.150	-	-	3.5	10	3.0	4
	c	8	90	88	1500	0.047	-	-				
	d	12	140	72	1000	0.036	-	-				
	e	16	180	70	960	0.034	-	-				
B,15	a	24	270	118	2500	0.069	-	-				
(x)	b	8	90	150	3500	0.092	-	-				
	c	30	340	150	3500	0.092	-	-	3.0	8	2.5	3
	d	6	68	110	2200	0.063	-	-				
	e	6	68	90	1600	0.049	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION S. .VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
B,15	a	12	140	80	1300	0.042	-	-				
(ix)	b	6	68	72	1000	0.036	-	-				
	c	24	270	50	320	0.020	-	-	2.5	7	5.5	8
	d	8	90	64	770	0.030	-	-				
	e	20	230	72	1000	0.036	-	-				
B,18	a	4	45	78	1200	0.040	-	-				
(ii)	b	4	45	78	1200	0.040	-	-				
	c	4	45	68	900	0.033	-	-				
	d	2	23	66	830	0.032	-	-				
	e	8	90	112	2300	0.064	-	-	1.5	4	3.5	5
B,18	a	4	45	72	1000	0.036	-	-				
(iv)	b	18	200	90	1600	0.049	-	-				
	c	4	45	366	10,000	0.246	-	-	2.5	7	5.5	8
	d	10	110	70	960	0.034	-	-				
	e	10	110	122	2600	0.072	-	-				
B,18	a	160	1800	172	4200	0.107	-	-	1.5	4	5.5	8
(xi)	b	4	45	98	1900	0.054	-	-				
	c	18	200	60	640	0.027	-	-				
	d	22	250	86	1500	0.046	-	-				
	e	82	930	94	1700	0.052	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION S. .VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
B,18	a	12	140	54	650	0.023	-	-	2.0	5	2.5	3
(viii)	b	10	110	68	900	0.033	-	-				
	c	10	110	76	1200	0.039	-	-				
	d	10	110	64	770	0.030	-	-				
	e	4	45	46	190	0.017	-	-				
B,21	a	26	290	42	64	0.014	-	-				
(i)	b	12	140	84	1400	0.044	-	-				
	c	24	270	46	190	0.017	-	-				
	d	16	180	74	1100	0.037	-	-				
	e	46	520	98	1900	0.054	-	-	5.0	14	8.0	13
B,21	a	16	180	94	1700	0.052	-	-				
(iii)	b	20	230	80	1300	0.042	-	-				
	c	44	500	74	1100	0.037	-	-				
	d	34	380	90	1600	0.049	-	-	6.5	18	8.0	13
	e	20	230	94	1700	0.052	-	-				
B,21	a	22	250	90	1600	0.049	-	-				
(v)	b	16	180	66	830	0.032	-	-				
	c	6	68	66	830	0.032	-	-				
	d	26	290	224	5900	0.144	-	-	5.0	14	8.5	14
	e	8	90	80	1300	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH, RG, JS, GF DATE 12-20-83, 12-19-83

CONTAMINATION S..VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
B,21	a	46	520	144	3300	0.087	-	-	5.0	14	4.0	5
(vii)	b	12	140	90	1600	0.049	-	-				
	c	14	160	90	1600	0.049	-	-				
	d	16	180	70	960	0.034	-	-				
	e	8	90	88	1500	0.047	-	-				
B,21	a	12	140	78	1200	0.040	-	-				
(ix)	b	10	110	166	4000	0.103	-	-	8.5	24	6.5	10
	c	20	230	60	640	0.027	-	-				
	d	10	110	62	700	0.029	-	-				
	e	16	180	70	960	0.034	-	-				
C,0	a	4	45	58	580	0.026	-	-				
	b	8	90	66	830	0.032	-	-				
	c	10	110	42	64	0.019	-	-				
	d	10	110	52	380	0.022	-	-	0.5	1	0	0
	e	4	45	60	640	0.027	-	-				
C,3	a	6	68	92	1700	0.050	-	-				
	b	4	45	68	900	0.033	-	-				
	c	2	23	58	580	0.026	-	-				
	d	10	110	76	1200	0.039	-	-	2.0	5	2.5	3
	e	4	45	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 /m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, J.S., GF, LH DATE 12-20-83, 12-19-83, 12-16-83

CONTAMINATION S..VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,12	a	4	45	76	1200	0.039	-	-				
(iii)	b	2	23	50	320	0.020	-	-				
	c	20	230	84	1400	0.044	-	-	4.5	12	4.0	5
	d	18	200	80	1300	0.042	-	-				
	e	14	160	84	1400	0.044	-	-				
C,12	a	30	340	78	1200	0.040	-	-				
(x)	b	12	140	88	1500	0.047	-	-				
	c	30	340	62	700	0.029	-	-				
	d	18	200	64	770	0.030	-	-				
	e	142	1600	274	7500	0.180	-	-	4.0	11	4.5	6
C,12	a	—	—	112	2300	0.069	-	-	0.5	1	2.0	2
(vii)	b	—	—	70	960	0.034	-	-				
	c	—	—	90	1600	0.049	-	-				
	d	—	—	70	960	0.034	-	-				
	e	—	—	56	510	0.024	-	-				
C,12	a	50	570	94	1700	0.052	-	-	6.0	14	3.0	4
(ix)	b	20	230	72	1000	0.036	-	-				
	c	14	160	74	1100	0.037	-	-				
	d	12	140	78	1200	0.040	-	-				
	e	12	140	66	830	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION S. .VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
C,15	a	10	110	110	2200	0.063	-	-				
(ii)	b	24	270	78	1200	0.040	-	-	2.5	7	4.0	5
	c	10	110	72	1000	0.036	-	-				
	d	8	90	78	1200	0.040	-	-				
	e	8	90	70	960	0.034	-	-				
C,15	a	12	140	84	1400	0.044	-	-				
(iv)	b	12	140	36	0	0.013	-	-				
	c	38	430	68	900	0.033	-	-	1.5	4	3.0	4
	d	18	200	78	1200	0.040	-	-				
	e	—	—	—	—	—	-	-				
C,15	a	56	630	74	1100	0.037	-	-	0.5	1	6.5	10
(vi)	b	8	90	146	3400	0.089	-	-				
	c	16	180	86	1500	0.046	-	-				
	d	34	380	196	5000	0.124	-	-				
	e	10	110	70	960	0.034	-	-				
C,15	a	8	90	74	1100	0.037	-	-				
(viii)	b	24	270	82	1300	0.043	-	-	1.5	4	5.0	7
	c	16	180	100	1900	0.056	-	-				
	d	18	200	62	700	0.029	-	-				
	e	20	230	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
C,18	a	16	180	92	1700	0.050	-	-	2.0	5	2.0	2
(i)	b	10	110	102	2000	0.057	-	-				
	c	16	180	90	1600	0.049	-	-				
	d	8	90	68	900	0.033	-	-				
	e	14	160	88	1500	0.047	-	-				
C,18	a	10	110	60	640	0.027	-	-				
(iii)	b	8	90	64	770	0.030	-	-				
	c	10	110	66	830	0.032	-	-				
	d	16	180	64	770	0.030	-	-				
	e	16	180	88	1500	0.047	-	-	3.5	10	2.5	3
C,18	a	2	23	118	2500	0.069	-	-				
(v)	b	4	45	84	1400	0.044	-	-				
	c	4	45	54	450	0.023	-	-				
	d	6	68	78	1200	0.040	-	-				
	e	24	270	80	1300	0.042	-	-	3.0	8	3.0	4
C,18	a	4	45	90	1600	0.049	-	-				
(vii)	b	16	180	70	960	0.034	-	-	4.5	12	5.0	7
	c	8	90	76	1200	0.039	-	-				
	d	0	0	84	1400	0.044	-	-				
	e	12	140	66	830	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH, RG, JS DATE 12-20-83

CONTAMINATION S_VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,18	a	6	68	72	1000	0.036	-	-				
(ix)	b	14	160	76	1200	0.039	-	-	1.0	2	2.5	3
	c	6	68	72	1000	0.036	-	-				
	d	8	90	70	960	0.034	-	-				
	e	8	90	80	1300	0.042	-	-				
C,21	a	12	140	84	1400	0.044	-	-				
(ii)	b	18	200	70	960	0.034	-	-	2.5	7	4.5	6
	c	14	160	74	1100	0.037	-	-				
	d	8	90	68	900	0.033	-	-				
	e	14	160	64	770	0.030	-	-				
C,21	a	6	68	64	770	0.030	-	-				
(iv)	b	14	160	60	640	0.027	-	-				
	c	14	160	72	1000	0.036	-	-				
	d	42	490	100	1900	0.056	-	-	3.5	10	4.0	5
	e	10	110	68	900	0.033	-	-				
C,21	a	10	110	90	1600	0.049	-	-				
(vi)	b	92	1000	126	2700	0.074	-	-	7.5	21	4.5	6
	c	52	590	162	3900	0.100	-	-				
	d	8	90	138	3100	0.083	-	-				
	e	0	0	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & J.S & GF DATE 12-20-83, 12-19-83

CONTAMINATION S_VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,21	a	46	520	122	2600	0.072	-	-				
(viii)	b	14	160	94	1700	0.052	-	-				
	c	14	160	64	770	0.030	-	-				
	d	6	68	68	900	0.033	-	-				
	e	24	270	84	1400	0.044	-	-	2.5	7	4.5	6
D,0	a	10	110	60	640	0.027	-	-	0.5	1	4.0	5
	b	2	23	70	960	0.034	-	-				
	c	2	23	60	640	0.027	-	-				
	d	4	45	58	580	0.026	-	-				
	e	8	90	46	190	0.017	-	-				
D,9	a	2	23	80	1300	0.042	-	-				
	b	8	90	40	0	0.013	-	-				
	c	2	23	68	900	0.033	-	-				
	d	2	23	84	1400	0.044	-	-				
	e	8	90	56	510	0.024	-	-	0.5	1	3.0	4
D,18	a	14	160	84	1400	0.044	-	-	2.0	2	8.5	14
(ii)	b	6	68	62	700	0.029	-	-				
	c	6	68	82	1300	0.043	-	-				
	d	8	90	74	1100	0.037	-	-				
	e	8	90	66	830	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GF, LH, RG DATE 12-19-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D, 18 (vi)	a	4	45	60	640	0.027	-	-				
	b	6	68	58	580	0.026	-	-				
	c	10	110	46	190	0.017	-	-				
	d	6	68	50	320	0.020	-	-				
	e	12	140	52	380	0.022	-	-	5.5	15	5.0	7
D, 18 (viii)	a	6	68	86	1500	0.046	-	-	2.5	7	4.5	6
	b	6	68	76	1200	0.039	-	-				
	c	6	68	56	510	0.024	-	-				
	d	6	68	74	1100	0.037	-	-				
	e	6	68	72	1000	0.036	-	-				
D, 21 (ii)	a	4	45	58	580	0.026	-	-				
	b	16	180	68	900	0.033	-	-	5.0	14	7.0	11
	c	10	110	70	960	0.034	-	-				
	d	12	140	62	700	0.029	-	-				
	e	8	90	48	260	0.019	-	-				
D-21 (iii)	a	12	140	72	1000	0.036	-	-				
	b	92	930	140	3200	0.084	-	-	18.0	51	9.0	15
	c	28	320	74	1100	0.037	-	-				
	d	4	45	82	1300	0.043	-	-				
	e	12	140	78	1200	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, TS, GF DATE 12-20-83, 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
D, 21 (v)	a	18	200	68	900	0.033	-	-				
	b	2	23	52	380	0.022	-	-				
	c	10	110	70	960	0.034	-	-				
	d	18	200	80	1300	0.042	-	-	2.5	7	2.5	3
	e	4	45	84	1400	0.044	-	-				
D, 21 (vii)	a	38	430	64	770	0.030	-	-	1.5	4	4.5	6
	b	4	45	54	450	0.023	-	-				
	c	4	45	56	510	0.024	-	-				
	d	0	0	60	640	0.027	-	-				
	e	4	45	76	1200	0.039	-	-				
D, 21 (ix)	a	2	23	66	830	0.032	-	-				
	b	28	320	100	1900	0.056	-	-				
	c	52	590	60	640	0.027	-	-	5.0	14	2.5	3
	d	10	110	46	190	0.017	-	-				
	e	6	68	44	130	0.016	-	-				
E, 0	a	4	45	58	580	0.026	-	-				
	b	8	90	78	1200	0.040	-	-	1.5	4	2.0	2
	c	6	68	62	700	0.029	-	-				
	d	0	0	84	1400	0.044	-	-				
	e	6	68	66	830	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, TS, GF, LH DATE 12-20-83, 12-19-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E, 3	a	0	0	54	450	0.023	-	-				
	b	4	45	78	1200	0.090	-	-				
	c	8	90	66	830	0.032	-	-	0	0	1.0	0
	d	2	23	64	770	0.030	-	-				
	e	0	0	62	700	0.029	-	-				
E, 12	a	2	23	64	770	0.030	-	-				
	b	6	68	64	770	0.030	-	-				
	c	10	113	52	380	0.022	-	-	2.0	5	2.0	2
	d	0	0	66	830	0.032	-	-				
	e	6	68	48	260	0.019	-	-				
E, 15	a	2	23	62	700	0.029	-	-				
	b	20	230	54	450	0.023	-	-				
	c	32	360	98	1900	0.054	-	-	5.0	14	3.5	5
	d	16	180	72	1000	0.036	-	-				
	e	44	500	78	1200	0.040	-	-				
E, 18 (iii)	a	6	68	70	960	0.034	-	-				
	b	6	68	74	1100	0.037	-	-	4.0	11	3.0	4
	c	4	45	74	1100	0.037	-	-				
	d	4	45	58	580	0.026	-	-				
	e	6	68	48	260	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG, TS, LH DATE 12-16-83, 12-20-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E, 18 (v)	a	2	23	76	1200	0.039	-	-				
	b	8	90	72	1000	0.036	-	-				
	c	6	68	100	1900	0.056	-	-				
	d	10	110	76	1200	0.039	-	-				
	e	6	68	60	690	0.027	-	-	4.0	11	6.0	9
E, 18 (ix)	a	6	68	62	700	0.029	-	-				
	b	14	160	68	900	0.033	-	-				
	c	16	180	58	580	0.026	-	-				
	d	6	68	62	700	0.029	-	-				
	e	16	180	64	770	0.030	-	-				
E, 21 (ii)	a	22	250	62	700	0.029	-	-	1.0	2	4.5	6
	b	6	68	68	900	0.033	-	-				
	c	18	200	70	960	0.034	-	-	4.5	12	2.5	3
	d	0	0	84	1400	0.044	-	-				
	e	8	90	78	1200	0.040	-	-				
E, 21 (iv)	a	6	68	56	510	0.024	-	-				
	b	4	45	60	690	0.027	-	-				
	c	0	0	60	690	0.027	-	-				
	d	8	90	74	1100	0.037	-	-				
	e	12	140	74	1100	0.037	-	-	6.0	17	4.5	6

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, TS DATE 12-20-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
E,21 (vi)	a	4	45	94	1400	0.044	-	-				
	b	12	140	62	700	0.029	-	-				
	c	8	90	86	1500	0.046	-	-				
	d	2	23	66	830	0.032	-	-				
	e	14	160	54	450	0.023	-	-	6.0	17	5.0	7
E,21 (viii)	a	20	230	68	900	0.033	-	-				
	b	10	110	72	1000	0.036	-	-				
	c	0	0	92	1300	0.043	-	-				
	d	6	68	78	1200	0.040	-	-				
	e	22	250	86	1500	0.046	-	-	2.0	5	3.5	5
E,0	a	2	23	46	190	0.017	-	-				
	b	4	45	66	830	0.032	-	-				
	c	8	90	78	1200	0.040	-	-	1.5	4	2.5	3
	d	4	45	50	320	0.020	-	-				
	e	2	23	78	1200	0.040	-	-				
F,18 (i)	a	4	45	70	960	0.034	-	-				
	b	4	45	98	1900	0.054	-	-				
	c	8	90	62	700	0.029	-	-				
	d	6	68	76	1200	0.039	-	-				
	e	8	90	66	830	0.032	-	-	1.5	4	4.0	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, GF, LH, RG DATE 12-19-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,18 (vi)	a	6	68	74	1100	0.037	-	-				
	b	6	68	70	960	0.034	-	-				
	c	10	110	68	900	0.033	-	-				
	d	0	0	80	1300	0.042	-	-				
	e	10	110	74	1100	0.037	-	-	4.0	11	3.5	5
F,18 (xiii)	a	2	23	82	1300	0.043	-	-				
	b	2	23	92	1700	0.050	-	-				
	c	8	90	74	1100	0.037	-	-	3.0	8	6.0	9
	d	2	23	86	1500	0.046	-	-				
	e	4	45	70	960	0.034	-	-				
E,21 (i)	a	8	90	62	700	0.029	-	-				
	b	10	110	86	1500	0.046	-	-				
	c	14	160	72	1000	0.036	-	-				
	d	16	180	86	1500	0.046	-	-	4.5	12	6.5	10
	e	6	68	62	700	0.029	-	-				
F,21 (iii)	a	8	90	60	690	0.027	-	-				
	b	6	68	58	580	0.026	-	-				
	c	18	200	86	1500	0.046	-	-	4.5	12	4.0	5
	d	10	110	90	1600	0.049	-	-				
	e	10	110	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS, GF DATE 12-20-83, 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Flo...

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
F,21 (iv)	a	4	45	62	700	0.029	-	-				
	b	16	180	86	1500	0.046	-	-				
	c	0	0	76	1200	0.039	-	-				
	d	16	180	68	900	0.033	-	-	5.0	14	5.0	7
	e	14	160	80	1300	0.042	-	-				
F,21 (xii)	a	4	45	72	1000	0.036	-	-				
	b	14	160	70	960	0.034	-	-				
	c	2	23	88	1500	0.047	-	-				
	d	6	68	66	830	0.032	-	-				
	e	26	290	70	960	0.034	-	-	4.5	12	8.0	13
F,21 (ix)	a	8	90	66	830	0.032	-	-				
	b	6	68	62	700	0.029	-	-				
	c	10	110	88	1500	0.047	-	-				
	d	10	110	58	580	0.026	-	-				
	e	16	180	62	700	0.029	-	-	9.0	25	6.0	9
G,0	a	8	90	82	1300	0.043	-	-	1.5	4	2.0	2
	b	4	45	58	580	0.026	-	-				
	c	6	68	48	260	0.019	-	-				
	d	2	23	50	320	0.020	-	-				
	e	8	90	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS, LH DATE 12-20-83, 12-19-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Flo...

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
G,3	a	10	110	84	1400	0.044	-	-	1.5	4	1.0	0
	b	8	90	64	770	0.030	-	-				
	c	10	110	54	450	0.023	-	-				
	d	6	68	74	1100	0.037	-	-				
	e	10	110	74	1100	0.037	-	-				
G,12	a	10	110	56	510	0.024	-	-				
	b	4	45	62	700	0.029	-	-				
	c	16	180	68	900	0.033	-	-				
	d	18	200	80	1300	0.042	-	-	2.5	7	3.0	4
	e	6	68	60	690	0.027	-	-				
G,15	a	10	110	60	690	0.027	-	-				
	b	8	90	86	1500	0.046	-	-				
	c	66	750	72	1000	0.036	-	-	2.5	7	4.5	6
	d	14	160	60	690	0.027	-	-				
	e	18	200	76	1200	0.039	-	-				
G,18 (iii)	a	14	160	58	580	0.026	-	-				
	b	6	68	74	1100	0.037	-	-				
	c	8	90	72	1000	0.036	-	-				
	d	18	200	58	580	0.026	-	-	3.5	10	4.5	6
	e	4	45	84	1400	0.044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG, RG, TS DATE 12-16-83, 12-20-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Flr 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
G, 18	a	10	110	66	830	0.032	-	-				
(v)	b	8	90	86	1500	0.046	-	-				
	c	14	160	74	1100	0.037	-	-	4.0	11	5.5	8
	d	14	160	74	1100	0.037	-	-				
	e	10	110	68	900	0.033	-	-				
G, 21	a	10	110	104	2000	0.059	-	-				
(ii)	b	6	68	56	510	0.024	-	-				
	c	12	140	80	1300	0.042	-	-				
	d	14	160	62	700	0.029	-	-	4.0	11	5.0	7
	e	6	68	84	1400	0.044	-	-				
G, 21	a	8	90	58	580	0.026	-	-				
(iv)	b	2	23	68	900	0.033	-	-				
	c	28	320	64	770	0.030	-	-	8.0	22	9.5	16
	d	10	110	96	1800	0.053	-	-				
	e	4	45	80	1300	0.042	-	-				
G, 21	a	18	200	66	830	0.032	-	-				
(vi)	b	6	68	74	1100	0.037	-	-				
	c	18	200	68	900	0.033	-	-				
	d	22	250	76	1200	0.039	-	-	1.5	4	2.0	2
	e	6	68	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-20-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 Flr 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A, 21	a	16	180	100	1900	0.056	-	-				
(iv)	b	8	90	76	1200	0.039	-	-				
	c	12	140	72	1000	0.036	-	-				
	d	10	110	86	1500	0.046	-	-				
	e	36	410	100	1900	0.056	-	-	2.5	7	4.0	5
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) JS, RG DATE 12-20-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
3,6	a	0	0	38	0	0.013	-	-				
(ESG)	b	4	45	44	130	0.016	-	-	1.0	2	2.5	3
	c	0	0	34	0	0.013	-	-				
	d	2	23	40	0	0.013	-	-				
	e	0	0	28	0	0.013	-	-				
7,2	a	0	0	40	0	0.013	-	-				
(ESG)	b	0	0	44	130	0.016	-	-				
	c	0	0	30	0	0.013	-	-				
	d	2	23	42	64	0.014	-	-	0	0	0.5	0
	e	0	0	34	0	0.013	-	-				
8,4	a	2	23	50	320	0.020	-	-				
(ESG)	b	0	0	76	1100	0.039	-	-				
	c	2	23	84	1400	0.044	-	-	4.0	11	6.5	10
	d	0	0	72	1000	0.036	-	-				
	e	4	45	50	320	0.020	-	-				
15,7	a	0	0	36	0	0.013	-	-				
(ESG)	b	2	23	32	0	0.013	-	-	0.5	1	1.0	0
	c	0	0	36	0	0.013	-	-				
	d	0	0	44	130	0.016	-	-				
	e	2	23	14	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
21,6	a	0	0	62	700	0.029	-	-				
(ESG)	b	0	0	62	700	0.029	-	-				
	c	0	0	50	320	0.020	-	-				
	d	2	23	58	580	0.026	-	-	0	0	1.5	1
	e	0	0	54	450	0.023	-	-				
23,2	a	0	0	18	0	0.013	-	-				
(ESG)	b	2	23	30	0	0.013	-	-				
	c	2	23	24	0	0.013	-	-				
	d	2	23	60	640	0.027	-	-	0.5	1	2.0	2
	e	0	0	42	64	0.014	-	-				
A,6	a	2	23	50	320	0.020	-	-				
	b	0	0	44	130	0.016	-	-				
	c	0	0	66	830	0.032	-	-				
	d	2	23	66	830	0.032	-	-				
	e	4	45	78	1200	0.040	-	-	1.0	2	2.0	2
A,9	a	2	23	52	380	0.022	-	-				
	b	6	68	46	190	0.017	-	-				
	c	2	23	78	1200	0.040	-	-	0.5	1	2.5	3
	d	0	0	42	[illegible]64	0.014	-	-				
	e	2	23	48	260	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH, GF DATE 12-13-83, 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110 - 72 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
A,15	a	6	68	42	64	0.014	-	-				
	b	4	45	54	380	0.023	-	-				
	c	6	68	74	1100	0.037	-	-	0.5	1	0.5	0
	d	4	45	60	640	0.027	-	-				
	e	4	45	64	770	0.030	-	-				
A,18	a	2	23	66	830	0.032	-	-				
	b	8	90	42	64	0.014	-	-				
	c	8	90	62	700	0.029	-	-				
	d	2	23	54	450	0.023	-	-				
	e	4	45	66	830	0.032	-	-	0	0	3.0	4
A,21	a	2	23	72	1000	0.036	-	-				
	b	2	23	72	1000	0.036	-	-				
	c	2	23	64	770	0.030	-	-				
	d	4	45	72	1000	0.036	-	-	1.0	2	4.0	5
	e	4	45	72	1000	0.036	-	-				
A,3	a	0	0	34	0	0.013	-	-				
	b	4	45	54	450	0.023	-	-	0	0	2.0	2
	c	2	23	30	0	0.013	-	-				
	d	0	0	48	260	0.019	-	-				
	e	0	0	52	380	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GE, RG, MD DATE 12-15-83, 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
C,0	a	8	90	36	0	0.013	-	-				
	b	0	0	50	320	0.020	-	-				
	c	6	68	36	0	0.013	-	-				
	d	0	0	42	64	0.014	-	-				
	e	8	90	50	320	0.020	-	-	0.5	1	1.5	1
F,0	a	10	113	24	0	0.013	-	-				
	b	0	0	34	0	0.013	-	-				
	c	2	23	52	380	0.022	-	-	0	0	3.0	4
	d	6	68	38	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				
H,3	a	6	68	46	190	0.017	-	-				
	b	6	68	52	380	0.022	-	-	0.5	1	1.5	1
	c	4	45	32	0	0.013	-	-				
	d	8	90	28	0	0.013	-	-				
	e	6	68	38	0	0.013	-	-				
H,9	a	2	23	34	0	0.013	-	-				
	b	0	0	48	260	0.019	-	-	0	0	2.0	2
	c	2	23	26	0	0.013	-	-				
	d	2	45	42	64	0.014	-	-				
	e	4	45	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
H,18	a	4	45	36	0	0.013	-	-				
	b	0	0	34	0	0.013	-	-				
	c	8	90	38	0	0.013	-	-				
	d	8	90	34	0	0.013	-	-				
	e	2	23	54	450	0.023	-	-	1.0	2	1.5	1
H,18	a	4	45	34	0	0.013	-	-	1.0	2	2.0	2
	b	2	23	48	260	0.019	-	-				
	c	2	23	38	0	0.013	-	-				
	d	2	23	28	0	0.013	-	-				
	e	4	45	18	0	0.013	-	-				
H,21	a	0	0	70	960	0.034	-	-				
	b	0	0	42	64	0.014	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	8	90	30	0	0.013	-	-	1.5	4	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GE, RG, MD DATE 12-15-83, 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
5,13	a	4	45	36	0	0.0	-	-				
(ESG)	b	2	23	26	0	0.0	-	-				
	c	0	0	42	64	0.014	-	-				
	d	10	113	40	0	0.013	-	-	0	0	3.0	4
	e	2	23	30	0	0.0	-	-				
7,11	a	0	0	40	0	0.013	-	-				
(ESG)	b	4	45	48	260	0.019	-	-	0.5	1	2.5	3
	c	4	45	42	64	0.014	-	-				
	d	2	23	32	0	0.0	-	-				
	e	2	23	46	190	0.017	-	-				
11,20	a	2	23	48	260	0.019	-	-				
(ESG)	b	8	90	32	0	0.0	-	-	1.0	2	2.0	2
	c	2	23	20	0	0.0	-	-				
	d	0	0	32	0	0.0	-	-				
	e	2	23	32	0	0.0	-	-				
13,6	a	2	23	28	0	0.0	-	-				
(ESG)	b	2	23	44	130	0.016	-	-	0	0	1.5	1
	c	2	23	40	0	0.013	-	-				
	d	0	0	34	0	0.0	-	-				
	e	2	23	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-13-83

FACILITY ESG - Phase III ROOM/ AREA 1110-72 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
24,3	a	0	0	44	130	0.016	-	-				
(ESG)	b	2	23	46	190	0.017	-	-				
	c	2	23	56	510	0.024	-	-	0	0	3.0	4
	d	2	23	38	0	0.0	-	-				
	e	0	0	42	64	0.014	-	-				
A,21	a	0	0	36	0	0.0	-	-				
	b	2	23	40	0	0.013	-	-				
	c	4	45	46	190	0.017	-	-	0	0	2.5	3
	d	0	0	42	64	0.014	-	-				
	e	0	0	32	0	0.0	-	-				
C,12	a	2	23	46	190	0.017	-	-	0.5	1	1.5	1
	b	2	23	30	0	0.0	-	-				
	c	2	23	30	0	0.0	-	-				
	d	0	0	40	0	0.013	-	-				
	e	2	23	30	0	0.0	-	-				
E,18	a	6	68	38	0	0.0	-	-	0	0	3.5	5
	b	2	23	38	0	0.0	-	-				
	c	0	0	26	0	0.0	-	-				
	d	2	23	40	0	0.013	-	-				
	e	0	0	42	64	0.014	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1110-72 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
F,3	a	0	0	22	0	0.0	-	-				
	b	0	0	32	0	0.0	-	-				
	c	0	0	22	0	0.0	-	-				
	d	0	0	48	190	0.019	-	-	0.5	1	4.0	5
	e	0	0	26	0	0.0	-	-				
G,15	a	0	0	36	0	0.0	-	-				
	b	4	45	42	64	0.014	-	-	0	0	3.0	4
	c	2	23	46	190	0.017	-	-				
	d	4	45	28	0	0.0	-	-				
	e	0	0	44	130	0.016	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-01 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm
2,3 (ESG)	a	4	45	60	640	0.027	-	-				
	b	8	90	66	830	0.032	-	-				
	c	4	45	66	830	0.032	-	-				
	d	6	68	96	1800	0.053	-	-				
	e	6	68	90	1600	0.049	-	-	1.5	4	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-01 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100c
A,27	a	4	45	52	380	0.022	-	-				
	b	0	0	58	580	0.026	-	-	0	0	2.5	3
	c	0	0	38	0	0.0	-	-				
	d	2	23	46	190	0.017	-	-				
	e	2	23	48	260	0.019	-	-				
1,1 (ESG)	a	0	0	50	320	0.020	-	-				
	b	2	23	82	1300	0.043	-	-	0	0	1.5	1
	c	6	68	68	900	0.033	-	-				
	d	4	45	76	1200	0.039	-	-				
	e	10	110	66	830	0.032	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH DATE 12-13-83

FACILITY ESG - Phase III ROOM/ AREA 11 H-01 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
3,2 (ESG)	a	0	0	50	320	0.020	-	-				
	b	2	23	42	64	0.014	-	-				
	c	4	45	52	380	0.022	-	-				
	d	0	0	34	0	0.013	-	-				
	e	6	68	42	64	0.014	-	-	0	0	1.5	1
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA II H-02 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
6,2	a	6	68	92	1700	0.050	-	-	0	0	2.5	3
(ESG)	b	4	45	86	1500	0.046	-	-				
	c	4	45	90	1600	0.049	-	-				
	d	2	23	54	450	0.023	-	-				
	e	2	23	78	1200	0.040	-	-				
-B,36	a	2	23	72	1000	0.036	-	-				
	b	2	23	78	1200	0.040	-	-				
	c	4	45	64	770	0.030	-	-				
	d	4	45	98	1900	0.054	-	-	0	0	1.5	1
	e	0	0	82	1300	0.043	-	-				
-C,33	a	0	0	102	2000	0.057	-	-	0	0	2.5	3
	b	6	68	70	960	0.037	-	-				
	c	2	23	76	1200	0.039	-	-				
	d	2	23	62	700	0.029	-	-				
	e	4	45	60	640	0.027	-	-				
-C,36	a	4	45	74	1100	0.037	-	-				
	b	6	68	82	1300	0.043	-	-	1.0	2	3.5	5
	c	0	0	68	900	0.033	-	-				
	d	0	0	80	1300	0.042	-	-				
	e	0	0	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA II H-02 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
-D,39	a	8	90	78	1200	0.040	-	-				
	b	2	23	100	1900	0.056	-	-	0	0	1.5	1
	c	6	68	76	1200	0.039	-	-				
	d	4	45	52	380	0.022	-	-				
	e	6	68	82	1300	0.043	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-02 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
12,3 (ESG)	a	4	45	68	900	0.033	-	-				
	b	2	23	62	700	0.029	-	-				
	c	6	68	76	1200	0.039	-	-	0	0	1.5	1
	d	0	0	74	1100	0.037	-	-				
	e	0	0	64	770	0.030	-	-				
12,5 (ESG)	a	2	23	42	64	0.014	-	-				
	b	2	23	74	1100	0.037	-	-	0	0	3.0	4
	c	2	23	62	700	0.029	-	-				
	d	0	0	50	320	0.020	-	-				
	e	0	0	66	830	0.032	-	-				
-B,36	a	2	23	90	1600	0.049	-	-	0	0	1.5	1
	b	2	23	68	900	0.033	-	-				
	c	2	23	52	380	0.022	-	-				
	d	2	23	48	260	0.019	-	-				
	e	0	0	60	640	0.027	-	-				
-B,30	a	6	68	64	770	0.030	-	-				
	b	2	23	48	260	0.019	-	-				
	c	2	23	58	580	0.026	-	-				
	d	2	23	60	640	0.027	-	-				
	e	0	0	78	1200	0.040	-	-	0.5	1	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-02 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-D,39	a	4	45	72	1000	0.036	-	-				
	b	4	45	52	380	0.022	-	-				
	c	0	0	50	320	0.020	-	-				
	d	0	0	74	1100	0.037	-	-	2.5	7	2.5	3
	e	0	0	54	450	0.023	-	-				
-D,39	a	6	68	54	450	0.023	-	-				
	b	0	0	66	830	0.032	-	-				
	c	0	0	82	1300	0.043	-	-	0.5	1	3.0	4
	d	0	0	66	830	0.032	-	-				
	e	0	0	62	700	0.029	-	-				
-D,33	a	4	45	80	1300	0.042	-	-	0.5	1	2.0	2
	b	0	0	58	580	0.026	-	-				
	c	2	23	50	320	0.020	-	-				
	d	2	23	62	700	0.029	-	-				
	e	4	45	58	580	0.026	-	-				
-D,39	a	0	0	62	700	0.029	-	-				
	b	4	45	68	900	0.033	-	-	0	0	2.5	3
	c	2	23	66	830	0.032	-	-				
	d	0	0	66	830	0.032	-	-				
	e	0	0	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH DATE 12-13-83

CONTAMINATION SURVEY

FACILITY ESG - Phase III ROOM/ AREA 11 H-02 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
1,6 (ESG)	a	0	0	46	190	0.017	-	-				
	b	0	0	66	830	0.032	-	-				
	c	2	23	33	0	0.013	-	-				
	d	2	23	80	1300	0.042	-	-				
	e	4	45	62	700	0.029	-	-	0	0	3.5	5
-C,30	a	6	68	58	580	0.026	-	-	0.5	1	1.0	0
	b	2	23	86	1500	0.046	-	-				
	c	0	0	60	640	0.027	-	-				
	d	0	0	48	260	0.019	-	-				
	e	0	0	62	700	0.029	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-02A FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-B,24	a	6	68	78	1200	0.040	-	-	0	0	2.0	2
	b	0	0	66	830	0.032	-	-				
	c	2	23	76	1200	0.039	-	-				
	d	4	45	54	450	0.023	-	-				
	e	4	45	52	380	0.022	-	-				
-C,27	a	4	45	58	580	0.026	-	-				
	b	8	90	84	1400	0.044	-	-				
	c	0	0	74	1100	0.037	-	-				
	d	6	68	94	1700	0.052	-	-	0.5	1	3.5	5
	e	6	68	84	1400	0.044	-	-				
-D,27	a	3	34	94	1700	0.052	-	-	1.0	2	5.0	7
	b	0	0	82	1300	0.043	-	-				
	c	2	23	64	770	0.030	-	-				
	d	6	68	70	960	0.034	-	-				
	e	6	68	72	1000	0.036	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-02A WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
3,4 (ESG)	a	0	0	46	190	0.017	-	-				
	b	2	23	82	1300	0.043	-	-	0	0	1.0	0
	c	8	90	48	260	0.019	-	-				
	d	2	23	48	260	0.019	-	-				
	e	4	45	56	510	0.024	-	-				
4,1 (ESG)	a	0	0	80	1300	0.042	-	-	0	0	1.5	1
	b	4	45	60	640	0.027	-	-				
	c	0	0	80	1300	0.042	-	-				
	d	2	23	66	830	0.032	-	-				
	e	0	0	62	700	0.029	-	-				
A,27	a	0	0	98	1900	0.054	-	-	0	0	2.0	2
	b	2	23	52	380	0.022	-	-				
	c	0	0	56	510	0.024	-	-				
	d	4	45	74	1100	0.037	-	-				
	e	4	45	74	1100	0.037	-	-				
-C,27	a	2	23	68	900	0.033	-	-				
	b	2	23	94	1700	0.052	-	-	1.0	2	4.0	5
	c	2	23	82	1300	0.043	-	-				
	d	4	45	68	900	0.033	-	-				
	e	4	45	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-02A WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
-C,30	a	6	68	54	450	0.023	-	-				
	b	0	0	72	1000	0.036	-	-	0.5	1	2.0	2
	c	0	0	50	320	0.020	-	-				
	d	2	23	44	130	0.016	-	-				
	e	0	0	56	510	0.024	-	-				
-D,27	a	0	0	68	900	0.033	-	-				
	b	2	23	70	960	0.034	-	-				
	c	2	23	68	900	0.033	-	-				
	d	0	0	76	1200	0.039	-	-	0	0	6.0	9
	e	4	45	62	700	0.029	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-02A CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
2,5 (ESG)	a	0	0	52	380	0.022	-	-				
	b	2	23	50	320	0.020	-	-	0	0	0.5	0
	c	2	23	44	130	0.016	-	-				
	d	0	0	50	320	0.020	-	-				
	e	0	0	48	260	0.019	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

FACILITY ESG - Phase III ROOM / AREA 1119-36/42 Fl. 2E

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
9,2 (ESG)	a	10	110	50	320	0.020	-	-	5.5	15	6.5	10
	b	4	45	58	580	0.026	-	-				
	c	8	90	68	900	0.033	-	-				
	d	0	0	70	960	0.034	-	-				
	e	6	68	74	1100	0.037	-	-				
15,9 (ESG	a	8	90	70	960	0.034	-	-				
	b	8	90	68	900	0.033	-	-				
	c	10	110	58	580	0.026	-	-	2.0	5	3.0	4
	d	4	45	62	700	0.029	-	-				
	e	6	68	58	580	0.026	-	-				
18,18 (ESG)	a	8	90	84	1400	0.049	-	-				
	b	10	110	48	260	0.019	-	-	3.0	8	2.0	2
	c	10	110	44	130	0.016	-	-				
	d	4	45	60	640	0.027	-	-				
	e	6	68	70	960	0.034	-	-				
H,24	a	10	110	58	580	0.026	-	-				
	b	4	45	76	1200	0.039	-	-				
	c	6	68	62	700	0.029	-	-				
	d	14	160	64	770	0.030	-	-	1.5	4	2.5	3
	e	8	90	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA 1119-36/42 Fl. 2E

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
H,30	a	22	250	58	580	0.026	-	-				
	b	4	45	64	770	0.030	-	-				
	c	8	90	58	580	0.026	-	-				
	d	14	160	58	580	0.026	-	-				
	e	30	340	68	900	0.033	-	-	1.5	4	6.5	10
H,36	a	14	160	124	2700	0.073	-	-	0.5	1	2.0	2
	b	10	110	72	1000	0.036	-	-				
	c	10	110	60	640	0.027	-	-				
	d	6	68	54	450	0.023	-	-				
	e	6	68	70	960	0.034	-	-				
H,39 (ix.)	a	4	45	90	1600	0.049	-	-				
	b	8	90	82	1300	0.043	-	-				
	c	0	0	72	1000	0.036	-	-				
	d	8	90	76	1200	0.039	-	-				
	e	10	110	62	700	0.029	-	-	4.0	11	4.5	6
H,39 (vi.)	a	8	90	72	1000	0.036	-	-				
	b	14	160	74	1100	0.037	-	-	5.5	15	7.5	12
	c	2	23	68	900	0.033	-	-				
	d	12	140	52	380	0.022	-	-				
	e	0	0	98	1500	0.047	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG, JS DATE 12-16-83, 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 ~~xx~~

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,39	a	8	90	72	1000	0.036	-	-				
(vi)	b	14	160	74	1100	0.037	-	-				
	c	2	23	68	900	0.033	-	-				
	d	12	140	52	380	0.022	-	-				
	e	0	0	88	1500	0.047	-	-				
H,42	a	10	110	56	510	0.024	-	-				
(x)	b	4	45	48	260	0.019	-	-				
	c	8	90	82	1300	0.043	-	-				
	d	14	160	60	640	0.027	-	-	2.5	7	5.5	8
	e	4	45	84	1400	0.044	-	-				
H,42	a	6	68	96	1500	0.046	-	-				
(ix)	b	14	160	78	1200	0.040	-	-				
	c	8	90	120	2600	0.070	-	-				
	d	4	45	46	190	0.017	-	-				
	e	8	90	46	190	0.017	-	-				
H,45	a	12	140	74	1100	0.037	-	-	7.0	20	5.0	7
(ix)	b	12	140	64	770	0.030	-	-				
	c	4	45	70	960	0.034	-	-				
	d	4	45	50	320	0.020	-	-				
	e	8	90	82	1300	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 E. E

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,45	a	8	90	50	320	0.020	-	-				
(vi)	b	10	110	66	830	0.032	-	-				
	c	6	68	78	1200	0.040	-	-				
	d	10	110	80	1300	0.042	-	-	6.5	18	5.5	8
	e	6	68	74	1100	0.037	-	-				
H,45	a	6	68	74	1100	0.037	-	-				
(ix)	b	8	90	82	1300	0.043	-	-				
	c	8	90	64	770	0.030	-	-				
	d	10	110	72	1000	0.036	-	-				
	e	4	45	64	770	0.030	-	-				
I,39	a	6	68	80	1300	0.042	-	-				
	b	2	23	74	1100	0.037	-	-				
	c	12	140	78	1200	0.040	-	-				
	d	10	110	54	450	0.023	-	-				
	e	12	140	84	1400	0.044	-	-	2.0	5	5.0	7
I,45	a	8	90	58	580	0.026	-	-				
(ii)	b	8	90	80	1300	0.042	-	-				
	c	6	68	56	510	0.024	-	-				
	d	10	110	78	1200	0.040	-	-	3.0	8	2.0	2
	e	10	110	52	380	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS, LH DATE 12-20-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 Fl. 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I, 45 (iv)	a	14	160	66	930	0.032	-	-	0	0	4.0	5
	b	2	23	76	1200	0.039	-	-				
	c	8	90	70	960	0.034	-	-				
	d	6	68	68	900	0.033	-	-				
	e	8	90	78	1200	0.040	-	-				
I, 45 (vi)	a	10	110	68	900	0.033	-	-	1.5	4	3.0	4
	b	6	68	84	1400	0.044	-	-				
	c	2	23	78	1200	0.040	-	-				
	d	8	90	72	1000	0.036	-	-				
	e	10	110	52	380	0.022	-	-				
J, 45 (ix)	a	10	110	74	1100	0.037	-	-				
	b	12	140	70	960	0.034	-	-	1.0	2	3.5	5
	c	8	90	66	830	0.032	-	-				
	d	10	110	44	130	0.016	-	-				
	e	4	45	92	1700	0.050	-	-				
I, 48 (v)	a	—	-	84	1400	0.044	-	-				
	b	—	-	72	1000	0.036	-	-				
	c	—	-	54	450	0.023	-	-				
	d	—	-	74	1100	0.037	-	-				
	e	—	-	80	1300	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-93

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 Fl. 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J, 39	a	4	45	74	1100	0.037	-	-				
	b	4	45	72	1000	0.036	-	-				
	c	12	145	76	1200	0.039	-	-				
	d	10	110	64	770	0.030	-	-				
	e	20	230	86	1500	0.046	-	-	5.5	15	6.5	10
J, 45 (i)	a	6	68	60	690	0.027	-	-				
	b	4	45	64	770	0.030	-	-				
	c	6	68	70	960	0.034	-	-				
	d	0	0	94	1700	0.052	-	-				
	e	14	160	72	1000	0.036	-	-	1.5	4	4.0	5
J, 45 (iii)	a	6	68	66	830	0.032	-	-				
	b	4	45	66	830	0.032	-	-				
	c	8	90	70	960	0.034	-	-	3.0	8	4.0	5
	d	6	68	88	1500	0.047	-	-				
	e	8	90	64	770	0.030	-	-				
J, 45 (v)	a	4	45	72	1000	0.036	-	-				
	b	12	140	76	1200	0.039	-	-				
	c	4	45	80	1300	0.042	-	-				
	d	18	200	74	1100	0.037	-	-	2.0	5	2.5	9
	e	12	140	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-93, 12-19-93

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 Flr 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J, 45 (vii)	a	6	68	56	510	0.024	-	-				
	b	4	45	82	1300	0.043	-	-				
	c	6	68	94	1700	0.052	-	-				
	d	6	68	56	510	0.024	-	-				
	e	14	160	64	770	0.030	-	-	2.5	7	5.5	8
J, 45 (viii)	a	0	0	54	450	0.023	-	-				
	b	10	110	54	450	0.023	-	-	0.5	1	3.0	4
	c	4	45	68	900	0.033	-	-				
	d	2	23	84	1400	0.044	-	-				
	e	2	23	78	1200	0.040	-	-				
J, 48 (ii)	a	8	90	54	450	0.023	-	-				
	b	16	180	70	960	0.034	-	-	4.0	11	2.0	2
	c	8	90	64	770	0.030	-	-				
	d	14	160	74	1100	0.037	-	-				
	e	8	90	72	1000	0.036	-	-				
J, 48 (v)	a	12	140	56	510	0.024	-	-	0.5	1	1.0	0
	b	8	90	80	1300	0.042	-	-				
	c	8	90	68	900	0.033	-	-				
	d	8	90	78	1200	0.040	-	-				
	e	8	90	58	580	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 Flr 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K, 39	a	4	45	68	900	0.033	-	-				
	b	6	68	60	690	0.027	-	-				
	c	10	110	62	700	0.029	-	-	3.5	10	4.0	5
	d	6	68	54	450	0.023	-	-				
	e	2	23	84	1400	0.044	-	-				
K, 45 (iv)	a	14	160	54	450	0.023	-	-				
	b	18	200	68	900	0.033	-	-	4.0	11	6.5	10
	c	10	110	76	1200	0.039	-	-				
	d	6	68	64	770	0.030	-	-				
	e	16	180	74	1100	0.037	-	-				
K, 45 (ii)	a	8	90	68	900	0.033	-	-				
	b	8	90	76	1200	0.039	-	-				
	c	14	160	52	380	0.022	-	-	0.5	1	3.5	5
	d	10	110	54	450	0.023	-	-				
	e	6	68	54	450	0.023	-	-				
K, 45 (vi)	a	12	140	80	1300	0.042	-	-				
	b	12	140	76	1200	0.039	-	-				
	c	12	140	60	690	0.027	-	-				
	d	14	160	84	1400	0.044	-	-	3.5	10	4.5	6
	e	0	0	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG, MD DATE 12-16-83, 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 FL R

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
K,45 (viii)	a	10	110	68	900	0.033	-	-				
	b	14	160	82	1300	0.043	-	-	1.0	2	1.5	1
	c	10	110	66	830	0.032	-	-				
	d	4	45	44	130	0.016	-	-				
	e	6	68	78	1200	0.040	-	-				
K,48 (viii)	a	12	140	76	1200	0.037	-	-	0.5	1	1.5	1
	b	2	23	60	640	0.027	-	-				
	c	12	140	52	380	0.022	-	-				
	d	12	140	64	770	0.030	-	-				
	e	4	45	90	1600	0.049	-	-				
L,42	a	4	45	56	510	0.024	-	-				
	b	12	140	84	1400	0.044	-	-	5.0	14	3.5	5
	c	2	23	68	900	0.033	-	-				
	d	6	68	62	700	0.029	-	-				
	e	4	45	78	1200	0.040	-	-				
L,45 (i)	a	0	0	68	900	0.033	-	-				
	b	4	45	62	700	0.029	-	-	2.0	5	4.0	5
	c	4	45	62	700	0.029	-	-				
	d	2	23	74	1100	0.037	-	-				
	e	6	68	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH DATE 12-19-83, 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 FL 3

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
L,45 (iii)	a	8	90	66	830	0.032	-	-				
	b	4	45	70	960	0.034	-	-				
	c	4	45	66	830	0.032	-	-				
	d	12	140	68	900	0.033	-	-	1.0	2	4.5	6
	e	8	90	76	1200	0.039	-	-				
L,45 (v)	a	4	45	48	260	0.019	-	-				
	b	10	110	84	1400	0.044	-	-				
	c	6	68	64	770	0.030	-	-				
	d	12	140	78	1200	0.040	-	-	1.5	4	4.0	5
	e	8	90	62	700	0.029	-	-				
L,45 (vii)	a	14	160	72	1000	0.036	-	-	3.0	8	4.0	5
	b	4	45	68	900	0.033	-	-				
	c	6	68	54	450	0.023	-	-				
	d	4	45	62	700	0.029	-	-				
	e	2	23	56	510	0.024	-	-				
L,45 (ix)	a	8	90	72	1000	0.036	-	-				
	b	12	140	84	1400	0.044	-	-	0	0	3.0	4
	c	6	68	86	1500	0.046	-	-				
	d	8	90	62	700	0.029	-	-				
	e	6	68	72	1000	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 E. B

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100c
L,48 (i)	a	8	90	56	510	0.024	-	-				
	b	10	110	66	830	0.032	-	-				
	c	4	45	64	770	0.030	-	-				
	d	12	140	84	1400	0.044	-	-	0.5	1	3.0	4
	e	—	—	—	—	—	-	-				
L,48 (iii)	a	6	68	68	900	0.033	-	-	2.0	5	4.0	5
	b	2	23	76	1200	0.039	-	-				
	c	4	45	58	580	0.026	-	-				
	d	4	45	82	1300	0.043	-	-				
	e	2	23	46	190	0.017	-	-				
L,48 (vii)	a	4	45	58	580	0.026	-	-				
	b	4	45	58	580	0.026	-	-				
	c	16	180	58	580	0.026	-	-	1.5	4	4.5	6
	d	4	45	56	510	0.024	-	-				
	e	—	—	—	—	—	-	-				
L,48 (ix)	a	16	180	78	1200	0.040	-	-	0.5	1	3.5	5
	b	6	68	64	770	0.030	-	-				
	c	8	90	76	1200	0.039	-	-				
	d	8	90	72	1000	0.036	-	-				
	e	4	45	78	1200	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 E. W

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
M,42	a	6	68	82	1300	0.043	-	-				
	b	4	45	70	960	0.034	-	-				
	c	2	23	80	1300	0.042	-	-				
	d	4	45	42	64	0.014	-	-				
	e	12	140	84	1400	0.044	-	-	3.5	10	4.5	6
M,45 (ii)	a	16	180	70	960	0.034	-	-	1.0	2	4.0	5
	b	6	68	70	960	0.034	-	-				
	c	4	45	60	640	0.027	-	-				
	d	8	90	56	510	0.024	-	-				
	e	0	0	68	900	0.033	-	-				
M,45 (iv)	a	2	23	80	1300	0.042	-	-				
	b	10	110	60	640	0.027	-	-				
	c	6	68	62	700	0.029	-	-				
	d	4	45	74	1100	0.037	-	-				
	e	8	90	96	1800	0.053	-	-	2.5	7	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH DATE 12-19-83, 12-16-83

FACILITY ESG - Phase III ROOM / AREA 1119-36/42 Ext. E

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
M,54 (vi)	a	6	68	70	960	0.034	-	-				
	b	6	68	90	1600	0.049	-	-				
	c	8	90	54	450	0.023	-	-				
	d	8	90	68	900	0.033	-	-	4.5	12	4.0	5
	e	8	90	62	700	0.029	-	-				
M,45 (viii)	a	8	90	62	700	0.029	-	-				
	b	8	90	70	960	0.034	-	-	0	0	3.0	4
	c	6	68	66	830	0.032	-	-				
	d	6	68	58	520	0.026	-	-				
	e	—	—	—	—	—	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA 1119-36/42 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
17,2 (ESG)	a	0	0	28	0	0.013	-	-				
	b	2	23	20	0	0.013	-	-				
	c	4	45	24	0	0.013	-	-	0	0	3.5	5
	d	0	0	34	0	0.013	-	-				
	e	0	0	30	0	0.013	-	-				
17,2 (ESG)	a	6	68	40	0	0.013	-	-				
	b	2	23	48	260	0.019	-	-				
	c	4	45	48	260	0.019	-	-	0	0	1.0	0
	d	10	110	32	0	0.013	-	-				
	e	4	45	22	0	0.013	-	-				
J,48	a	0	0	34	0	0.013	-	-				
	b	8	90	26	0	0.013	-	-				
	c	6	68	36	0	0.013	-	-	0.5	1	6.0	9
	d	0	0	26	0	0.013	-	-				
	e	4	45	34	0	0.013	-	-				
J,48	a	6	68	30	0	0.013	-	-				
	b	2	23	54	450	0.023	-	-	0	0	2.5	3
	c	2	23	34	0	0.013	-	-				
	d	2	23	50	320	0.020	-	-				
	e	4	45	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH, GF DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,24	a	0	0	30	0	0.013	-	-				
	b	2	23	38	0	0.013	-	-				
	c	0	0	32	0	0.013	-	-				
	d	2	23	20	0	0.013	-	-				
	e	2	23	30	0	0.013	-	-	1.0	2	3.5	5
K,42	a	4	45	40	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-				
	c	0	0	44	130	0.016	-	-	1.0	2	2.5	3
	d	2	23	24	0	0.013	-	-				
	e	4	45	34	0	0.013	-	-				
M,42	a	8	90	28	0	0.013	-	-				
	b	2	23	54	450	0.023	-	-	0	0	2.5	3
	c	4	45	36	0	0.013	-	-				
	d	6	68	32	0	0.013	-	-				
	e	2	23	34	0	0.013	-	-				
I,27	a	0	0	24	0	0.013	-	-				
	b	4	45	26	0	0.013	-	-				
	c	6	68	26	0	0.013	-	-	2.0	5	3.5	5
	d	2	23	32	0	0.013	-	-				
	e	2	23	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH, GF DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
I,30	a	6	68	32	0	0.013	-	-				
	b	4	45	50	320	0.020	-	-				
	c	6	68	50	320	0.020	-	-	3.5	10	1.5	1
	d	4	45	30	0	0.013	-	-				
	e	6	68	40	0	0.013	-	-				
I,36	a	10	110	54	450	0.023	-	-				
	b	6	68	36	0	0.013	-	-				
	c	2	23	26	0	0.013	-	-				
	d	8	90	56	510	0.024	-	-	2.5	7	3.0	4
	e	6	68	40	0	0.013	-	-				
N,48	a	12	136	72	1000	0.036	-	-	0	0	3.0	4
	b	2	23	48	260	0.019	-	-				
	c	4	45	44	130	0.016	-	-				
	d	4	45	52	380	0.022	-	-				
	e	2	23	28	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF, RG, MD DATE 12-14-83

CONTAMINATION S[illegible]TY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
20,12	a	4	45	38	0	0.013	-	-				
(ESG)	b	6	68	42	64	0.014	-	-	0	0	2.5	3
	c	2	23	46	190	0.017	-	-				
	d	0	0	24	0	0.013	-	-				
	e	2	23	54	450	0.023	-	-				
26,3	a	0	0	42	64	0.014	-	-				
(ESG)	b	2	23	34	0	0.013	-	-				
	c	0	0	48	260	0.019	-	-				
	d	4	45	30	0	0.013	-	-	0	0	2.0	2
	e	0	0	38	0	0.013	-	-				
H,42	a	0	0	42	64	0.014	-	-				
	b	0	0	36	0	0.013	-	-				
	c	4	45	38	0	0.013	-	-	0.5	1	1.5	1
	d	2	23	42	64	0.014	-	-				
	e	2	23	30	0	0.013	-	-				
I,42	a	2	23	30	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	2	23	50	320	0.020	-	-	0	0	3.5	5
	d	4	45	34	0	0.013	-	-				
	e	0	0	24	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,42	a	0	0	38	0	0.013	-	-				
	b	0	0	34	0	0.013	-	-				
	c	2	23	28	0	0.013	-	-				
	d	2	23	24	0	0.013	-	-				
	e	0	0	58	580	0.026	-	-	0	0	2.0	2.0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,48 (ix)	a	4	45	60	640	0.027	-	-				
	b	6	68	60	640	0.027	-	-				
	c	12	140	84	1400	0.044	-	-	30	8	4.5	6
	d	4	45	92	1700	0.050	-	-				
	e	6	68	58	580	0.026	-	-				
K,51 (v)	a	8	90	76	1200	0.039	-	-				
	b	12	140	58	580	0.026	-	-				
	c	10	110	48	260	0.019	-	-				
	d	12	140	62	700	0.029	-	-	2.0	5	1.5	1
	e	6	68	68	900	0.033	-	-				
K,51 (vii)	a	18	200	66	830	0.032	-	-	1.5	4	4.0	5
	b	12	140	86	1500	0.046	-	-				
	c	8	90	82	1300	0.043	-	-				
	d	10	110	68	900	0.033	-	-				
	e	6	68	80	1300	0.042	-	-				
K,51 (ix)	a	8	90	74	1100	0.037	-	-				
	b	16	180	86	1500	0.046	-	-	2.5	7	1.5	1
	c	6	68	62	700	0.029	-	-				
	d	8	90	56	510	0.024	-	-				
	e	16	180	82	1300	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
K,54 (iv)	a	24	270	70	960	0.034	-	-	1.5	4	3.5	5
	b	12	140	74	1100	0.037	-	-				
	c	12	140	86	1500	0.046	-	-				
	d	4	45	64	770	0.030	-	-				
	e	10	110	82	1300	0.043	-	-				
K,54 (vi)	a	20	230	54	450	0.023	-	-	1.0	2	3.0	4
	b	14	160	58	580	0.026	-	-				
	c	14	160	52	380	0.022	-	-				
	d	12	140	76	1200	0.039	-	-				
	e	12	140	54	450	0.023	-	-				
K,54 (viii)	a	8	90	80	1300	0.042	-	-	0	0	5.0	7
	b	6	68	48	260	0.019	-	-				
	c	2	23	70	960	0.034	-	-				
	d	8	90	62	700	0.029	-	-				
	e	8	90	72	1000	0.036	-	-				
K,57 (v)	a	12	140	50	320	0.020	-	-				
	b	8	90	58	580	0.026	-	-				
	c	22	250	74	1100	0.037	-	-				
	d	28	320	68	900	0.033	-	-	1.5	4	4.0	5
	e	8	90	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B + 2R

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
K,57 (vii)	a	14	160	96	1800	0.053	-	-				
	b	20	230	66	830	0.032	-	-	4.5	12	7.0	11
	c	6	68	78	1200	0.040	-	-				
	d	6	68	68	900	0.033	-	-				
	e	6	68	54	450	0.023	-	-				
K,57 (ix)	a	18	200	78	1200	0.040	-	-	1.0	2	3.0	4
	b	6	68	62	700	0.029	-	-				
	c	4	45	34	0	0.013	-	-				
	d	12	140	46	190	0.017	-	-				
	e	16	180	74	1100	0.037	-	-				
L,51 (ii)	a	28	320	76	1200	0.039	-	-	2.0	5	3.5	5
	b	8	90	56	510	0.024	-	-				
	c	6	68	64	770	0.030	-	-				
	d	4	45	80	1300	0.042	-	-				
	e	14	160	52	380	0.022	-	-				
L,51 (iv)	a	8	90	56	510	0.024	-	-				
	b	4	45	62	700	0.029	-	-				
	c	10	110	80	1300	0.042	-	-	1.0	2	0.5	0
	d	2	23	56	510	0.024	-	-				
	e	2	23	52	380	0.022	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B +00R

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
L,51 (vi)	a	8	90	60	690	0.027	-	-				
	b	8	90	100	1900	0.056	-	-				
	c	8	90	66	830	0.032	-	-				
	d	8	90	48	260	0.019	-	-				
	e	12	140	48	260	0.019	-	-	0.5	1	6.0	9
L,51 (viii)	a	18	200	58	580	0.026	-	-				
	b	18	200	88	1500	0.047	-	-	2.0	5	2.0	2
	c	10	110	72	1000	0.036	-	-				
	d	6	68	74	1100	0.037	-	-				
	e	6	68	58	580	0.026	-	-				
L,54 (i)	a	4	45	58	580	0.026	-	-				
	b	4	45	76	1200	0.039	-	-				
	c	8	90	80	1300	0.042	-	-				
	d	4	45	62	700	0.029	-	-				
	e	10	110	64	770	0.030	-	-	1.0	2	3.5	5
L,54 (iii)	a	6	68	60	690	0.027	-	-				
	b	8	90	68	900	0.033	-	-				
	c	6	68	56	510	0.024	-	-				
	d	2	23	60	690	0.027	-	-				
	e	12	140	52	380	0.022	-	-	0	0	4.0	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/428 E-06

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,54 (v)	a	6	68	54	450	0.023	-	-				
	b	16	180	86	1500	0.046	-	-	0	0	4.0	5
	c	4	45	62	700	0.029	-	-				
	d	6	68	72	1000	0.036	-	-				
	e	14	160	76	1200	0.039	-	-				
L,54 (vii)	a	4	45	66	830	0.032	-	-				
	b	6	68	96	1800	0.053	-	-				
	c	10	110	90	1600	0.049	-	-	1.0	2	1.5	1
	d	10	110	78	1200	0.040	-	-				
	e	6	68	56	510	0.024	-	-				
L,54 (ix)	a	12	140	68	900	0.033	-	-	0.5	1	2.5	3
	b	2	23	64	770	0.030	-	-				
	c	4	45	70	960	0.034	-	-				
	d	2	23	54	450	0.023	-	-				
	e	6	68	50	320	0.020	-	-				
L,57 (ii)	a	14	160	58	580	0.026	-	-				
	b	4	45	72	1000	0.036	-	-				
	c	10	110	74	1100	0.037	-	-				
	d	18	200	72	1000	0.036	-	-	2.5	7	2.0	2
	e	4	45	72	1000	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/428 E-06

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,57 (iv)	a	4	45	60	640	0.027	-	-				
	b	10	110	62	700	0.029	-	-	0	0	2.5	3
	c	4	45	46	190	0.017	-	-				
	d	4	45	84	1400	0.044	-	-				
	e	0	0	52	380	0.022	-	-				
L,57 (vi)	a	12	140	84	1400	0.044	-	-				
	b	22	250	60	640	0.027	-	-	3.0	8	3.0	4
	c	16	180	100	1900	0.056	-	-				
	d	14	160	52	380	0.022	-	-				
	e	4	45	62	700	0.029	-	-				
L,57 (viii)	a	8	90	66	830	0.032	-	-				
	b	14	160	58	580	0.026	-	-				
	c	18	200	52	380	0.022	-	-	1.0	2	3.0	4
	d	6	68	70	960	0.034	-	-				
	e	12	140	64	770	0.030	-	-				
M,48 (ii)	a	8	90	70	960	0.034	-	-				
	b	4	45	56	510	0.024	-	-				
	c	2	23	42	64	0.014	-	-				
	d	4	45	70	960	0.034	-	-				
	e	12	140	48	260	0.019	-	-	1.5	4	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
M,48 (iv)	a	4	45	50	320	0.020	-	-				
	b	2	23	54	450	0.023	-	-				
	c	6	68	76	1200	0.039	-	-	1.5	4	1.0	0
	d	2	23	46	190	0.017	-	-				
	e	—	—	—	—	—	-	-				
M,48 (vi)	a	6	68	66	830	0.032	-	-				
	b	2	23	70	960	0.034	-	-				
	c	6	68	70	960	0.034	-	-	1.0	2	2.5	3
	d	4	45	62	700	0.029	-	-				
	e	4	45	80	1300	0.042	-	-				
M,48 (viii)	a	8	90	68	900	0.033	-	-				
	b	4	45	64	770	0.030	-	-				
	c	12	140	72	1000	0.036	-	-	1.5	4	3.0	4
	d	8	90	68	900	0.033	-	-				
	e	10	110	56	510	0.024	-	-				
M,51 (i)	a	16	180	58	580	0.026	-	-	1.0	2	2.0	2
	b	4	45	48	260	0.019	-	-				
	c	6	68	58	580	0.026	-	-				
	d	6	68	60	640	0.027	-	-				
	e	12	140	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
M,51 (iii)	a	12	140	60	640	0.027	-	-				
	b	2	23	62	700	0.029	-	-				
	c	14	160	68	900	0.033	-	-	3.5	10	4.0	5
	d	14	160	100	1900	0.056	-	-				
	e	10	110	106	2100	0.060	-	-				
M,51 (v)	a	10	110	82	1300	0.043	-	-				
	b	12	140	66	830	0.032	-	-	1.0	2	3.0	4
	c	16	180	66	830	0.032	-	-				
	d	8	90	70	960	0.034	-	-				
	e	8	90	74	1100	0.037	-	-	2.5	7	3.0	4
M,51 (vii)	a	12	140	78	1200	0.040	-	-				
	b	4	45	60	690	0.027	-	-				
	c	0	0	60	640	0.027	-	-				
	d	4	45	84	1400	0.044	-	-				
	e	4	45	72	1000	0.036	-	-	2.5	7	1.0	0
M,51 (ix)	a	10	110	68	900	0.033	-	-				
	b	8	90	50	320	0.020	-	-				
	c	8	90	58	580	0.026	-	-				
	d	6	68	48	260	0.019	-	-				
	e	8	90	78	1200	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-19-83

FACILITY ESG - Phase III ROOM/ AREA 1119-36/428 Fuel

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100c
M,54 (vi)	a	16	180	98	1900	0.054	-	-	1.0	2	1.5	1
	b	16	180	58	580	0.026	-	-				
	c	6	68	62	700	0.029	-	-				
	d	8	90	72	1000	0.036	-	-				
	e	10	110	64	770	0.030	-	-				
M,54 (viii)	a	14	160	66	930	0.032	-	-				
	b	12	190	84	1400	0.044	-	-				
	c	20	230	70	960	0.037	-	-				
	d	18	200	88	1500	0.047	-	-				
	e	20	230	72	1000	0.036	-	-	2.0	5	3.0	4
M,57 (i)	a	8	90	58	580	0.026	-	-				
	b	8	90	66	830	0.032	-	-				
	c	14	160	44	130	0.016	-	-				
	d	14	160	52	380	0.022	-	-				
	e	16	180	60	640	0.027	-	-	0.5	1	5.5	8
M,57 (iii)	a	8	90	98	1900	0.054	-	-				
	b	8	90	50	320	0.020	-	-				
	c	6	68	54	450	0.023	-	-				
	d	24	270	52	380	0.022	-	-	5.0	14	6.5	10
	e	6	68	66	830	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & MD DATE 12-19-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/428 Fuel

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100c
M,57 (v)	a	8	90	78	1200	0.040	-	-				
	b	8	90	74	1100	0.037	-	-				
	c	14	160	56	510	0.024	-	-				
	d	12	140	68	900	0.033	-	-				
	e	16	180	68	900	0.033	-	-	5.5	15	3.0	4
M,57 (vii)	a	12	140	46	190	0.017	-	-				
	b	8	90	68	900	0.033	-	-				
	c	10	110	66	830	0.032	-	-				
	d	14	160	66	830	0.032	-	-	3.5	10	1.5	1
	e	8	90	64	770	0.030	-	-				
M,57 (ix)	a	24	270	58	580	0.026	-	-				
	b	16	180	86	1500	0.046	-	-				
	c	6	68	64	770	0.030	-	-				
	d	20	230	50	320	0.020	-	-				
	e	24	270	96	1800	0.053	-	-	5.0	14	5.0	7
N,48	a	4	45	54	450	0.023	-	-				
	b	4	45	74	1100	0.037	-	-				
	c	22	250	74	1100	0.037	-	-				
	d	44	500	84	1400	0.044	-	-	4.0	11	8.0	13
	e	8	90	58	580	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD, LH DATE 12-19-83, 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B E. 28

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
N, 54	a	22	250	64	770	0.030	-	-				
	b	10	110	58	580	0.026	-	-				
	c	22	250	76	1200	0.039	-	-				
	d	28	320	56	510	0.024	-	-	4.5	12	4.0	5
	e	26	290	38	0		-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, RG DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
29,4 (ESG)	a	6	68	32	0	0.013	-	-				
	b	2	23	30	0	0.013	-	-				
	c	8	90	34	0	0.013	-	-	1.0	2	3.0	4
	d	4	45	48	260	0.019	-	-				
	e	0	0	36	0	0.013	-	-				
N, 54	a	0	0	36	0	0.013	-	-				
	b	0	0	26	0	0.013	-	-				
	c	4	45	38	0	0.013	-	-	0	0	3.0	4
	d	0	0	46	190	0.017	-	-				
	e	2	23	30	0	0.013	-	-				
N, 57	a	6	68	32	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	2	23	34	0	0.013	-	-				
	e	4	45	42	64	0.014	-	-	1.5	4	3.0	4
L, 60	a	2	23	42	64	0.014	-	-	0.5	1	1.0	0
	b	0	0	26	0	0.013	-	-				
	c	4	45	24	0	0.013	-	-				
	d	2	23	42	0	0.014	-	-				
	e	0	0	30	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83, 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,60	a	6	68	26	0	0.013	-	-				
	b	2	23	42	64	0.014	-	-				
	c	6	68	40	0	0.013	-	-	1.5	4	1.5	1
	d	4	45	44	130	0.016	-	-				
	e	2	23	30	0	0.013	-	-				
L,51	a	2	23	40	0	0.013	-	-				
	b	2	23	48	260	0.019	-	-	0.5	1	3.0	4
	c	2	23	34	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	0	0	42	64	0.014	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-36/42B CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
5,16	a	0	0	50	320	0.020	-	-				
(ESG)	b	0	0	46	190	0.017	-	-				
	c	0	0	48	260	0.019	-	-				
	d	2	23	54	450	0.023	-	-				
	e	4	45	50	320	0.020	-	-	0	0	2.5	3
L,51	a	0	0	28	0	0.013	-	-				
	b	0	0	52	380	0.022	-	-				
	c	2	23	46	190	0.017	-	-	0	0	2.5	3
	d	0	0	38	0	0.013	-	-				
	e	0	0	48	260	0.019	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119 - 12/16 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,7 (ESG)	a	6	68	64	770	0.030	-	-				
	b	4	45	36	0	0.013	-	-				
	c	6	68	50	320	0.020	-	-				
	d	12	136	56	510	0.024	-	-	0	0	3.5	5
	e	10	110	60	640	0.027	-	-				
H,57	a	4	45	54	450	0.023	-	-				
	b	6	68	78	1200	0.090	-	-				
	c	6	68	52	380	0.022	-	-				
	d	12	136	70	960	0.034	-	-				
	e	16	180	68	900	0.033	-	-	1.0	2	5.5	8
I,54	a	0	0	58	580	0.026	-	-				
	b	6	68	64	770	0.030	-	-	0.5	1	3.0	4
	c	4	45	62	700	0.029	-	-				
	d	2	23	56	510	0.024	-	-				
	e	4	45	64	770	0.030	-	-				
K,57	a	10	110	48	260	0.019	-	-	0.5	1	1.0	0
	b	6	68	60	640	0.027	-	-				
	c	6	68	56	510	0.024	-	-				
	d	8	90	54	450	0.023	-	-				
	e	6	68	54	450	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 119 - 12/16 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
J,57	a	8	90	44	130	0.016	-	-				
	b	4	45	58	580	0.026	-	-				
	c	6	68	52	380	0.022	-	-				
	d	10	110	68	900	0.033	-	-	1.0	2	4.5	6
	e	4	45	72	1000	0.036	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

FACILITY ESG - Phase III ROOM/ AREA 1119-12/16 FL 2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smear): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100
H,54	a	4	45	64	770	0.090	-	-				
(v)	b	14	160	74	1100	0.037	-	-	0.5	1	3.0	4
	c	0	0	72	1000	0.036	-	-				
	d	8	90	48	260	0.019	-	-				
	e	4	45	50	320	0.020	-	-				
H,57	a	4	45	60	640	0.027	-	-				
(iv)	b	6	68	68	900	0.033	-	-				
	c	8	90	78	1200	0.040	-	-				
	d	6	68	74	1100	0.037	-	-				
	e	16	180	66	830	0.032	-	-	0	0	3.5	5
H,57	a	8	90	62	700	0.029	-	-				
(vi)	b	6	68	44	130	0.016	-	-				
	c	14	160	58	580	0.026	-	-	1.0	2	4.5	6
	d	2	23	64	770	0.030	-	-				
	e	12	140	72	1000	0.036	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-12/16 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
3,3	a	0	0	28	0	0.013	-	-				
(ESG)	b	2	23	22	0	0.013	-	-				
	c	0	0	50	320	0.020	-	-	0	0	1.5	1
	d	2	23	44	130	0.016	-	-				
	e	6	68	34	0	0.013	-	-				
I,60	a	2	23	22	0	0.013	-	-				
	b	8	90	38	0	0.013	-	-				
	c	4	45	42	64	0.014	-	-	0	0	2.5	3
	d	4	45	30	0	0.013	-	-				
	e	0	0	36	0	0.013	-	-				
J,60	a	0	0	44	130	0.016	-	-				
	b	2	23	24	0	0.013	-	-				
	c	2	23	46	190	0.017	-	-	0	0	5.0	7
	d	0	0	38	0	0.013	-	-				
	e	0	0	36	0	0.013	-	-				
I,60	a	2	23	30	0	0.013	-	-				
	b	2	23	40	0	0.013	-	-	1.0	2	3.0	4
	c	0	0	34	0	0.013	-	-				
	d	4	45	28	0	0.013	-	-				
	e	8	90	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION RVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-12/16 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	μR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
14-5-8	a	0	0	36	0	0.013	-	-				
(ESG)	b	2	23	32	0	0.013	-	-				
	c	6	68	24	0	0.013	-	-				
	d	6	68	34	0	0.013	-	-				
	e	4	45	44	130	0.016	-	-	0	0	6.0	17
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	a						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-22 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,51	a	2	23	58	580	0.026	-	-				
	b	6	68	44	130	0.016	-	-				
	c	4	45	58	580	0.026	-	-				
	d	14	158	64	770	0.030	-	-	1.5	4	3.0	4
	e	4	45	66	830	0.032	-	-				
I,51	a	12	136	90	1600	0.049	-	-	1.5	4	5.0	7
	b	2	23	56	510	0.024	-	-				
	c	2	23	56	510	0.024	-	-				
	d	12	136	50	320	0.020	-	-				
	e						-	-				
J,51	a	6	68	56	510	0.024	-	-				
	b	10	110	54	450	0.023	-	-	0.5	1	3.5	5
	c	6	68	72	1000	0.036	-	-				
	d	.4	45	60	640	0.027	-	-				
	e	2	23	86	1500	0.046	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-22 Floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
H,51 (iv)	a	8	90	86	1500	0.096	-	-				
	b	12	140	68	900	0.023	-	-				
	c	12	140	60	640	0.027	-	-				
	d	14	160	58	580	0.026	-	-	0	0	4.0	5
	e	4	45	66	830	0.032	-	-				
H,51 (vi)	a	8	90	68	900	0.033	-	-				
	b	10	110	74	1100	0.039	-	-				
	c	.4	45	78	1200	0.040	-	-				
	d	4	45	66	830	0.032	-	-				
	e	4	45	654	20,000	0.452	-	-	0	0	10.5	18
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, TS DATE 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-22 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
8,2 (ESG)	a	2	23	42	64	0.014	-	-				
	b	6	68	34	0	0.013	-	-				
	c	6	68	26	0	0.013	-	-				
	d	2	23	52	380	0.022	-	-	0	0	3.5	5
	e	2	23	36	0	0.013	-	-				
K,54	a	6	68	42	64	0.014	-	-	0	0	2.5	3
	b	4	45	42	64	0.014	-	-				
	c	2	23	34	0	0.013	-	-				
	d	2	23	36	0	0.013	-	-				
	e	2	23	30	0	0.013	-	-				
J,51	a	2	23	32	0	0.013	-	-				
	b	2	23	44	130	0.016	-	-	0	0	1.5	1
	c	2	23	30	0	0.013	-	-				
	d	4	45	22	0	0.013	-	-				
	e	4	45	38	0	0.013	-	-				
K,51	a	4	45	28	0	0.013	-	-				
	b	4	45	30	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	23	38	0	0.013	-	-				
	e	4	45	40	0	0.013	-	-	0	0	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 1119-22 CELL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
3,2 (ESG)	a	4	45	64	770	0.030	-	-	0	0	2.0	2
	b	4	45	52	380	0.022	-	-				
	c	4	45	50	320	0.020	-	-				
	d	2	23	38	0	0.013	-	-				
	e	2	23	46	190	0.017	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
P,60	a	12	136	64	770	0.030	-	-				
	b	4	45	60	640	0.027	-	-				
	c	8	90	88	1500	0.047	-	-	0.5	1	4.0	5
	d	10	110	52	380	0.022	-	-				
	e	6	68	54	450	0.023	-	-				
P,57	a	8	90	42	64	0.014	-	-				
	b	4	45	44	130	0.016	-	-				
	c	4	45	84	1400	0.044	-	-	1.5	4	4.5	6
	d	2	23	62	700	0.029	-	-				
	e	2	23	74	1100	0.037	-	-				
Q,57	a	6	68	60	640	0.027	-	-				
	b	2	23	76	1200	0.039	-	-	0	0	2.5	3
	c	4	45	66	830	0.032	-	-				
	d	4	45	50	320	0.020	-	-				
	e	6	68	68	900	0.033	-	-				
Q,60	a	6	68	58	580	0.026	-	-				
	b	6	68	74	1100	0.037	-	-				
	c	2	23	74	1100	0.037	-	-				
	d	6	68	70	960	0.034	-	-				
	e	4	45	90	1600	0.049	-	-	1.0	2	4.5	6

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MD DATE 12-9-93

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R,60	a	4	45	72	1000	0.036	-	-				
	b	2	23	54	450	0.023	-	-				
	c	4	45	92	1700	0.050	-	-	1.5	4	4.0	5
	d	2	23	64	770	0.030	-	-				
	e	6	68	76	1200	0.039	-	-				
R,57	a	4	45	58	580	0.026	-	-				
	b	2	23	82	1300	0.043	-	-	0	0	0.5	0
	c	4	45	30	0	0.013	-	-				
	d	2	23	34	0	0.013	-	-				
	e	4	45	52	380	0.022	-	-				
2,2	a	4	45	74	1100	0.037	-	-				
(ESG)	b	4	45	76	1200	0.039	-	-				
	c	8	90	74	1100	0.037	-	-	0	0	3.5	5
	d	4	45	72	1000	0.036	-	-				
	e	0	0	88	1500	0.047	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MD DATE 12-9-93

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,3 (ESG)	a	4	45	36	0	0.013	-	-	0	0	3.0	4
	b	4	45	32	0	0.013	-	-				
	c	0	0	22	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	2	23	46	190	0.017	-	-				
R,60	a	2	23	24	0	0.013	-	-				
	b	0	0	38	0	0.013	-	-				
	c	4	45	50	320	0.020	-	-	1.0	2	1.0	0
	d	4	45	44	130	0.016	-	-				
	e	0	0	34	0	0.013	-	-				
R,57	a	0	0	28	0	0.013	-	-				
	b	2	23	46	190	0.017	-	-	2.0	5	0.5	0
	c	2	23	38	0	0.013	-	-				
	d	0	0	26	0	0.013	-	-				
	e	2	23	44	130	0.016	-	-				
P,60	a	4	45	32	0	0.013	-	-	0	0	1.0	0
	b	0	0	46	190	0.017	-	-				
	c	2	23	42	64	0.014	-	-				
	d	0	0	30	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
P,54	a	2	23	36	0	0.013	-	-				
	b	0	0	36	0	0.013	-	-				
	c	6	68	32	0	0.013	-	-	1.0	2	3.0	4
	d	4	45	38	0	0.013	-	-				
	e	6	68	36	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

CONTAMINATION RVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
4,3	a	2	23	52	380	0.022	-	-				
(ESG)	b	4	45	60	640	0.027	-	-	0	0	3.5	5
	c	2	23	44	130	0.016	-	-				
	d	0	0	50	320	0.020	-	-				
	e	2	23	46	190	0.017	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29B FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
0,57	a	2	23	72	1000	0.036	-	-				
	b	8	90	52	380	0.022	-	-				
	c	12	136	64	770	0.030	-	-				
	d	2	23	78	1200	0.040	-	-	1.0	2	3.0	4
	e	2	23	54	450	0.023	-	-				
0,54	a	4	45	74	1100	0.037	-	-	0	0	3.5	5
	b	14	158	58	580	0.026	-	-				
	c	4	45	58	580	0.026	-	-				
	d	0	0	60	640	0.027	-	-				
	e	8	90	70	960	0.034	-	-				
0,54	a	2	23	72	1000	0.036	-	-				
	b	2	23	54	450	0.023	-	-				
	c	6	68	72	1000	0.036	-	-	1.0	2	3.0	4
	d	4	45	62	700	0.029	-	-				
	e	6	68	50	320	0.020	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH / MO DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29B WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
2,2 (ESG)	a	0	0	48	260	0.019	-	-				
	b	0	0	32	0	0.013	-	-				
	c	6	68	46	190	0.017	-	-	2.0	5	2.0	2
	d	4	45	26	0	0.013	-	-				
	e	4	45	44	130	0.016	-	-				
0,54	a	0	0	36	0	0.013	-	-				
	b	2	23	42	64	0.014	-	-	0	0	2.5	3
	c	0	0	40	0	0.013	-	-				
	d	2	23	28	0	0.013	-	-				
	e	2	23	38	0	0.013	-	-				
P,57	a	4	45	28	0	0.013	-	-				
	b	4	45	38	0	0.013	-	-				
	c	0	0	44	130	0.016	-	-				
	d	8	90	32	0	0.013	-	-	1.5	4	3.5	5
	e	0	0	34	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

CONTAMINATION S VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-29 B CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
3,3	a	6	68	50	320	0.020	-	-	0	0	2.0	2
(ESG)	b	0	0	30	0	0.013	-	-				
	c	0	0	48	260	0.019	-	-				
	d	0	0	48	260	0.019	-	-				
	e	4	45	40	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-33 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
1,2 (ESG)	a	2	23	68	900	0.033	-	-				
	b	8	90	78	1200	0.040	-	-				
	c	2	23	60	640	0.027	-	-				
	d	4	45	58	580	0.026	-	-				
	e	2	23	84	1400	0.044	-	-	0.5	1	1.0	0
Q,51	a	4	45	68	900	0.033	-	-				
	b	2	23	58	580	0.026	-	-				
	c	2	23	66	830	0.032	-	-				
	d	6	68	68	900	0.033	-	-	1.0	2	0	0
	e	6	68	60	640	0.027	-	-				
Q,48	a	10	110	66	830	0.032	-	-				
	b	2	23	108	2200	0.062	-	-	1.0	2	2.0	2
	c	6	68	72	1000	0.036	-	-				
	d	8	90	66	830	0.032	-	-				
	e	4	45	52	380	0.022	-	-				
P,48	a	8	90	44	130	0.016	-	-				
	b	8	90	60	640	0.027	-	-				
	c	0	0	62	700	0.029	-	-	0.5	1	1.5	1
	d	4	45	54	450	0.023	-	-				
	e	4	45	50	320	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MD DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-33 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Q,48	a	4	45	70	960	0.034	-	-				
	b	4	45	74	1100	0.037	-	-				
	c	2	23	66	830	0.032	-	-				
	d	6	68	62	700	0.029	-	-				
	e	2	23	92	1700	0.050	-	-	0	0	2.0	2
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MD DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-33 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
6,3	a	8	90	26	0	0.013	-	-	0.5	1	0.5	0
(ESG)	b	6	68	38	0	0.013	-	-				
	c	2	23	32	0	0.013	-	-				
	d	4	45	44	130	0.016	-	-				
	e	0	0	30	0	0.013	-	-				
0,51	a	2	23	32	0	0.013	-	-				
	b	2	23	36	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-				
	d	4	45	30	0	0.013	-	-	0.5	1	4.0	5
	e	0	0	40	0	0.013	-	-				
0,54	a	8	90	40	0	0.013	-	-	0.5	1	5.5	8
	b	0	0	44	130	0.016	-	-				
	c	0	0	26	0	0.013	-	-				
	d	2	23	40	0	0.013	-	-				
	e	0	0	34	0	0.013	-	-				
R,54	a	2	23	48	260	0.019	-	-				
	b	2	23	20	0	0.013	-	-				
	c	2	23	50	320	0.020	-	-				
	d	4	45	20	0	0.013	-	-	0	0	3.5	5
	e	2	23	46	190	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-33 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R,51	a	0	0	38	0	0.013	-	-				
	b	4	45	30	0	0.013	-	-				
	c	2	23	42	64	0.014	-	-				
	d	6	68	26	0	0.013	-	-	1.5	4	4.5	6
	e	2	23	38	0	0.013	-	-				
Q,48	a	2	23	52	380	0.022	-	-	2.0	5	1.0	0
	b	2	23	42	64	0.014	-	-				
	c	0	0	40	0	0.013	-	-				
	d	4	45	22	0	0.013	-	-				
	e	0	0	36	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-9-83

FACILITY ESG - Phase III ROOM/ AREA 115-33 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
3,8	a	8	90	40	0	0.013	-	-				
(ESG)	b	2	23	44	130	0.016	-	-				
	c	2	23	34	0	0.013	-	-				
	d	0	0	68	900	0.033	-	-	0	0	1.5	1
	e	6	68	36	0	0.013	-	-				
0,48	a	8	90	38	0	0.013	-	-				
	b	6	68	40	0	0.013	-	-				
	c	4	45	30	0	0.013	-	-				
	d	4	45	42	64	0.014	-	-				
	e	2	23	52	380	0.022	-	-	0	0	3.0	4
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-37 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
5,9	a	16	181	70	960	0.034	-	-				
(ESG)	b	12	136	80	1300	0.042	-	-				
	c	4	45	90	1600	0.049	-	-	3.5	10	3.0	4
	d	14	158	66	830	0.032	-	-				
	e	8	90	72	1000	0.036	-	-				
0,42	a	10	110	80	1300	0.042	-	-	1.0	2	3.5	5
	b	12	136	76	1200	0.039	-	-				
	c	16	181	64	770	0.030	-	-				
	d	6	68	56	510	0.024	-	-				
	e	14	158	70	960	0.034	-	-				
0,39	a	18	203	56	510	0.024	-	-				
	b	8	90	84	1400	0.049	-	-	1.0	2	4.0	5
	c	20	226	68	900	0.033	-	-				
	d	8	90	68	900	0.033	-	-				
	e	12	136	72	1000	0.036	-	-				
Q,45	a	16	181	48	260	0.019	-	-				
	b	10	110	80	1300	0.042	-	-				
	c	16	181	66	830	0.032	-	-	3.5	10	3.0	4
	d	10	110	64	770	0.030	-	-				
	e	10	110	80	1300	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MD DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-37 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
0,39	a	14	158	64	770	0.030	-	-				
	b	14	158	58	580	0.026	-	-				
	c	14	158	78	1200	0.040	-	-	1.5	4	4.5	6
	d	8	90	52	380	0.022	-	-				
	e	4	45	74	1100	0.037	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MD DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-37 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
11,7 (ESG)	a	4	45	38	0	0.013	-	-				
	b	6	68	34	0	0.013	-	-				
	c	8	90	48	260	0.019	-	-	4.0	11	6.5	10
	d	0	0	48	260	0.019	-	-				
	e	6	68			0.013	-	-				
P,45	a	14	158	38	0	0.013	-	-	0	0	3.5	5
	b	2	23	24	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	2	23	36	0	0.013	-	-				
0,39	a	2	23	22	0	0.013	-	-				
	b	6	68	38	0	0.013	-	-	0.5	1	3.5	5
	c	2	23	24	0	0.013	-	-				
	d	2	23	38	0	0.013	-	-				
	e	2	23	40	0	0.013	-	-				
R-45	a	4	45	40	0	0.013	-	-				
	b	6	68	48	260	0.019	-	-	1.0	2	2.0	2
	c	0	0	32	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	2	23	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-37 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
R,42	a	0	0	36	0	0.013	-	-				
	b	2	23	38	0	0.013	-	-	0.5	1	3.5	5
	c	2	23	40	0	0.013	-	-				
	d	0	0	42	64	0.014	-	-				
	e	4	45	30	0	0.013	-	-				
Q,42	a	6	68	42	64	0.014	-	-	0.5	1	4.0	5
	b	2	23	46	190	0.017	-	-				
	c	0	0	28	0	0.013	-	-				
	d	4	45	54	450	0.023	-	-				
	e	4	45	44	130	0.016	-	-				
R,42	a	2	23	42	64	0.014	-	-				
	b	2	23	38	0	0.013	-	-				
	c	2	23	60	640	0.027	-	-				
	d	0	0	24	0	0.013	-	-				
	e	4	45	30	0	0.013	-	-	4.5	12	8.5	14
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-9-83

CONTAMINATION VEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-37 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
6,2	a	4	45	42	64	0.014	-	-	0.5	1	3.5	5
(ESG)	b	2	23	24	0	0.013	-	-				
	c	2	23	42	64	0.014	-	-				
	d	4	45	36	0	0.013	-	-				
	e	0	0	30	0	0.013	-	-				
0,39	a	0	0	38	0	0.013	-	-				
	b	4	45	36	0	0.013	-	-				
	c	2	23	34	0	0.013	-	-				
	d	4	45	42	64	0.014	-	-				
	e	4	45	44	130	0.016	-	-	0.5	1	1.5	1
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-43 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
1,1 (ESG)	a	18	203	90	1600	0.049	-	-				
	b	26	294	64	770	0.030	-	-				
	c	64	723	76	1200	0.039	-	-				
	d	42	475	84	1400	0.044	-	-				
	e	50	565	98	1900	0.054	-	-	0.5	1	2.5	3
Q,27	a	252	2848	74	1100	0.037	-	-	2.0	5	3.5	5
	b	170	1921	116	2400	0.067	-	-				
	c	46	520	80	1300	0.042	-	-				
	d	10	110	82	1300	0.043	-	-				
	e	214	2418	96	1800	0.053	-	-				
Q,30	a	10	110	44	130	0.016	-	-				
	b	14	158	66	830	0.032	-	-				
	c	28	316	68	900	0.033	-	-	0	0	3.5	5
	d	22	249	68	900	0.033	-	-				
	e	10	110	62	700	0.029	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH/MO DATE 12-9-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-43 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
P,27 (i)	a	34	380	70	960	0.034	-	-				
	b	20	230	48	260	0.019	-	-				
	c	30	340	66	830	0.032	-	-				
	d	24	270	62	700	0.029	-	-				
	e	38	430	90	1600	0.049	-	-	4.5	12	4.0	5
P,27 (iii)	a	20	230	52	380	0.022	-	-				
	b	4	45	66	830	0.032	-	-				
	c	30	340	52	380	0.022	-	-				
	d	40	450	94	1700	0.052	-	-				
	e	44	500	56	510	0.024	-	-	4.0	11	1.5	1
P,27 (v)	a	72	810	64	770	0.030	-	-	3.5	10	3.5	5
	b	48	540	76	1200	0.039	-	-				
	c	34	380	68	900	0.033	-	-				
	d	48	540	70	960	0.034	-	-				
	e	62	700	68	900	0.033	-	-				
P,27 (vii)	a	20	230	68	900	0.033	-	-				
	b	14	160	50	320	0.020	-	-				
	c	26	290	70	960	0.034	-	-	1.5	4	3.5	5
	d	20	230	66	830	0.032	-	-				
	e	12	140	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-21-83

FACILITY ESG - Phase III ROOM/ AREA 115-43 Flr.

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smear			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100
P,27 (ix)	a	40	450	62	700	0.029	-	-				
	b	18	200	48	260	0.019	-	-				
	c	40	450	66	830	0.032	-	-				
	d	52	590	58	580	0.026	-	-	1.0	2	3.0	4
	e	44	500	80	1300	0.042	-	-				
P,30 (ii)	a	60	670	100	1900	0.056	-	-	2.5	7	0.5	0
	b	44	500	80	1300	0.042	-	-				
	c	42	480	44	130	0.016	-	-				
	d	46	520	66	830	0.032	-	-				
	e	40	450	70	960	0.039	-	-				
P,30 (iv)	a	36	410	86	1500	0.046	-	-				
	b	52	590	84	1400	0.044	-	-	4.0	11	1.5	1
	c	30	340	90	1600	0.049	-	-				
	d	14	160	60	680	0.027	-	-				
	e	18	200	56	510	0.024	-	-				
P,30 (viii)	a	34	380	64	770	0.030	-	-	1.5	4	2.5	3
	b	22	250	78	1200	0.040	-	-				
	c	8	90	52	380	0.022	-	-				
	d	18	200	58	580	0.026	-	-				
	e	14	160	58	580	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-43 Flr.

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100c
Q,27 (ii)	a	38	430	80	1300	0.042	-	-				
	b	94	1100	82	1300	0.043	-	-	2.5	7	5.0	7
	c	22	250	62	700	0.029	-	-				
	d	18	200	62	700	0.029	-	-				
	e	54	610	78	1200	0.040	-	-				
Q,27 (iv)	a	30	340	74	1100	0.037	-	-				
	b	22	250	74	1100	0.037	-	-				
	c	74	840	80	1300	0.042	-	-	2.5	7	5.0	7
	d	10	110	82	1300	0.043	-	-				
	e	24	270	64	770	0.030	-	-				
Q,27 (vi)	a	20	230	96	1800	0.053	-	-				
	b	28	320	60	640	0.027	-	-				
	c	24	270	70	960	0.034	-	-				
	d	62	700	74	1100	0.037	-	-	2.5	7	5.5	8
	e	32	360	62	700	0.029	-	-				
Q,27 (viii)	a	18	200	64	770	0.030	-	-				
	b	26	290	50	320	0.020	-	-				
	c	12	140	74	1100	0.037	-	-				
	d	30	340	70	960	0.034	-	-				
	e	48	540	68	900	0.033	-	-	2.5	7	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-21-83

FACILITY ESG - Phase III ROOM/ AREA 115-43 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Q,30	a	14	160	60	640	0.027	-	-				
(i)	b	6	68	40	0	0.013	-	-				
	c	66	750	56	510	0.024	-	-	0.5	1	2.5	3
	d	16	180	84	1400	0.049	-	-				
	e	10	110	74	1100	0.037	-	-				
Q,30	a	14	160	80	1300	0.042	-	-				
(x)	b	16	180	66	830	0.032	-	-				
	c	12	140	56	510	0.024	-	-				
	d	4	45	72	1000	0.036	-	-				
	e	20	230	60	640	0.027	-	-	2.5	7	5.5	8
R,27	a	22	250	60	640	0.027	-	-				
(i)	b	32	360	58	580	0.026	-	-	4.0	11	6.0	9
	c	—	—	—	—	—	-	-				
	d	—	—	—	—	—	-	-				
	e	18	200	74	1100	0.037	-	-				
R,27	a	28	320	80	1300	0.042	-	-				
(iii)	b	22	250	80	1300	0.042	-	-				
	c	—	—	—	—	—	-	-				
	d	—	—	—	—	—	-	-				
	e	14	160	84	1400	0.044	-	-	0.5	1	3.5	5

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-43 Walls

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
2,4	a	4	45	24	0	0.013	-	-				
(ESG)	b	0	0	44	130	0.016	-	-				
	c	0	0	38	0	0.013	-	-				
	d	0	0	40	0	0.013	-	-				
	e	4	45	32	0	0.013	-	-	0.5	1	3.5	5
P,30	a	4	45	44	130	0.016	-	-				
	b	2	23	26	0	0.013	-	-				
	c	12	136	42	64	0.014	-	-	0	0	1.0	0
	d	2	23	32	0	0.013	-	-				
	e	4	45	38	0	0.013	-	-				
Q,30	a	4	45	46	190	0.017	-	-				
	b	2	23	50	320	0.020	-	-				
	c	2	23	40	0	0.013	-	-				
	d	8	90	46	190	0.017	-	-	0	0	1.0	0
	e	2	23	20	0	0.013	-	-				
R,30	a	6	68	34	0	0.013	-	-	0	0	2.0	2
	b	0	0	36	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	0	0	42	64	0.014	-	-				
	e	2	23	36	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & MD DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-43 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
2,2 (ESG)	a	0	0	44	130	0.016	-	-				
	b	2	23	46	190	0.017	-	-				
	c	0	0	46	190	0.017	-	-				
	d	8	90	34	0	0.013	-	-	0	0	3.0	4
	e	0	0	44	130	0.016	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-28 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
2,8	a	20	226	68	900	0.033	-	-				
(ESG)	b	12	136	78	1200	0.040	-	-				
	c	24	271	70	960	0.034	-	-	1.5	4	2.5	3
	d	16	181	72	1000	0.036	-	-				
	e	18	203	70	960	0.034	-	-				
J,27	a	54	610	64	770	0.030	-	-	9.0	25	2.0	2
	b	28	316	90	1600	0.049	-	-				
	c	28	316	62	700	0.029	-	-				
	d	42	475	76	1200	0.039	-	-				
	e	42	475	90	1600	0.049	-	-				
K,27	a	22	249	80	1300	0.042	-	-				
	b	34	384	52	380	0.022	-	-				
	c	14	158	52	380	0.022	-	-				
	d	8	90	78	1200	0.040	-	-				
	e	36	407	108	2200	0.062	-	-	2.0	5	3.0	4
K,33	a	20	226	68	900	0.033	-	-	1.5	4	4.5	12
	b	2	23	56	510	0.024	-	-				
	c	14	158	50	320	0.020	-	-				
	d	16	181	50	320	0.020	-	-				
	e	8	90	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-28 floor

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
L,30	a	6	68	70	960	0.034	-	-				
	b	8	90	76	1200	0.039	-	-				
	c	12	136	72	1000	0.036	-	-				
	d	30	339	66	830	0.032	-	-	4.0	11	4.5	6
	e	14	158	70	960	0.034	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-28 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
S6,3	a	2	23	20	0	0.013	-	-				
(ESG)	b	2	23	52	380	0.022	-	-				
	c	4	45	44	130	0.016	-	-	3.0	8	4.0	5
	d	4	45	32	0	0.013	-	-				
	e	0	0	44	130	0.016	-	-				
N12,2	a	4	45	36	0	0.013	-	-				
(ESG)	b	2	23	42	64	0.014	-	-				
	c	8	90	32	0	0.013	-	-	0.5	1	2.5	3
	d	8	90	28	0	0.013	-	-				
	e	4	45	30	0	0.013	-	-				
J,27	a	0	0	30	0	0.013	-	-				
	b	2	23	24	0	0.013	-	-				
	c	6	68	44	130	0.016	-	-				
	d	2	23	24	0	0.013	-	-				
	e	8	90	32	0	0.013	-	-	7.5	21	5.0	7
J,33	a	2	23	30	0	0.013	-	-				
	b	4	45	22	0	0.013	-	-				
	c	2	23	44	130	0.016	-	-				
	d	4	45	30	0	0.013	-	-				
	e	4	45	42	64	0.014	-	-	0	0	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-28 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,30	a	0	0	46	190	0.017	-	-				
	b	4	45	38	0	0.013	-	-	0.5	1	3.5	5
	c	2	23	30	0	0.013	-	-				
	d	0	0	48	260	0.019	-	-				
	e	2	23	40	0	0.013	-	-				
M,39	a	4	45	36	0	0.013	-	-				
	b	6	68	64	770	0.030	-	-	1.5	4	1.5	1
	c	0	0	36	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	2	23	28	0	0.013	-	-				
K,39	a	0	0	36	0	0.013	-	-				
	b	4	45	24	0	0.013	-	-				
	c	4	45	42	64	0.014	-	-	3.0	8	3.0	4
	d	0	0	34	0	0.013	-	-				
	e	2	23	44	130	0.016	-	-				
L,27	a	2	23	30	0	0.013	-	-				
	b	0	0	42	64	0.014	-	-				
	c	0	0	22	0	0.013	-	-				
	d	2	23	58	580	0.026	-	-	3.5	10	3.5	5
	e	2	23	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-12-83, 12-14-83

CONTAMINATION S 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-28 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
L,39	a	2	23	40	0	0.013	-	-				
	b	6	68	32	0	0.013	-	-				
	c	0	0	30	0	0.013	-	-				
	d	6	68	52	510	0.022	-	-	4.5	12	5.0	7
	e	0	0	26	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION S 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-28 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
9,6	a	2	23	34	0	0.013	-	-				
(ESG)	b	0	0	28	0	0.013	-	-				
	c	0	0	42	64	0.014	-	-				
	d	2	23	38	0	0.013	-	-				
	e	2	23	42	64	0.014	-	-	0.5	1	1.5	1
L,30	a	4	45	46	190	0.017	-	-				
	b	4	45	50	320	0.020	-	-	0	0	2.5	3
	c	0	0	36	0	0.013	-	-				
	d	0	0	26	0	0.013	-	-				
	e	2	23	54	450	0.023	-	-				
L,36	a	0	0	32	0	0.013	-	-				
	b	2	23	40	0	0.013	-	-				
	c	4	45	38	0	0.013	-	-	0	0	2.5	3
	d	0	0	38	0	0.013	-	-				
	e	0	0	28	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + 2nS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-14-83

CONTAMINATION S 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11 H-36 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
6,5 (ESG)	a	6	68	60	640	0.027	-	-				
	b	4	45	56	510	0.024	-	-				
	c	18	203	62	700	0.029	-	-	1.0	2	2.0	2
	d	2	23	58	580	0.026	-	-				
	e	8	90	84	1400	0.044	-	-				
N,27	a	6	68	46	190	0.017	-	-				
	b	2	23	58	580	0.026	-	-				
	c	10	113	78	1200	0.040	-	-	1.5	4	5.5	8
	d	8	90	62	700	0.029	-	-				
	e	18	203	66	830	0.032	-	-				
N,30	a	6	68	48	260	0.019	-	-				
	b	8	90	50	320	0.020	-	-				
	c	12	136	48	260	0.019	-	-				
	d	16	181	62	700	0.029	-	-	2.0	5	2.0	2
	e	4	45	74	1100	0.037	-	-				
N,36	a	12	136	58	580	0.026	-	-				
	b	14	158	64	770	0.030	-	-				
	c	18	203	72	1000	0.036	-	-	1.0	2	4.5	6
	d	2	23	66	830	0.032	-	-				
	e	4	45	64	770	0.030	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11 H-36 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
0,30	a	30	339	90	1600	0.049	-	-				
	b	26	294	90	1600	0.049	-	-				
	c	82	927	70	960	0.034	-	-	3.5	10	4.5	6
	d	36	407	62	700	0.029	-	-				
	e	16	181	62	700	0.029	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION S' EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-36 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
7,2 (ESG)	a	6	68	42	64	0.014	-	-				
	b	2	23	52	380	0.022	-	-				
	c	0	0	42	64	0.014	-	-				
	d	2	23	38	0	0.013	-	-				
	e	10	110	32	0	0.013	-	-	3.5	10	2.5	3
N,27	a	2	23	38	0	0.013	-	-				
	b	2	23	44	130	0.016	-	-				
	c	0	0	36	0	0.013	-	-				
	d	2	23	46	190	0.017	-	-				
	e	4	45	38	0	0.013	-	-	0	0	2.0	2
N,30	a	4	45	44	130	0.016	-	-				
	b	2	23	30	0	0.013	-	-				
	c	2	23	64	770	0.030	-	-				
	d	0	0	32	0	0.013	-	-				
	e	8	90	38	0	0.013	-	-	2.5	7	3.5	5
N,39	a	0	0	32	0	0.013	-	-				
	b	2	23	26	0	0.013	-	-				
	c	0	0	34	0	0.013	-	-				
	d	2	23	40	0	0.013	-	-	0.5	1	5.0	7
	e	2	23	36	0		-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-9-83

CONTAMINATION S' "EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-36 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M,39	a	0	0	38	0	0.013	-	-				
	b	2	23	32	0	0.013	-	-				
	c	4	45	38	0	0.013	-	-	0.5	1	2.5	3
	d	4	45	38	0	0.013	-	-				
	e			42	64	0.014	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, JS DATE 12-9-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11H-36 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
4,2	a	2	23	38	0	0.013	-	-				
(ESG)	b	0	0	34	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	2	23	40	0	0.013	-	-	0.5	1	1.0	0
	e	2	23	26	0	0.013	-	-				
N,30	a	0	0	50	320	0.020	-	-				
	b	2	23	42	64	0.014	-	-				
	c	0	0	40	0	0.013	-	-				
	d	2	23	52	380	0.022	-	-	0	0	1.0	0
	e	2	23	42	64	0.014	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-93

CONTAMINATIC URVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-41 FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
P,33	a	30	339	56	510	0.029	-	-				
	b	22	249	74	1100	0.037	-	-				
	c	18	203	86	1500	0.046	-	-				
	d	52	588	92	1700	0.050	-	-				
	e	82	927	68	890	0.033	-	-	2.5	7	2.0	2
P,36	a	8	90	66	830	0.032	-	-				
	b	24	271	76	1100	0.039	-	-				
	c	6	68	96	1800	0.053	-	-				
	d	18	203	54	450	0.023	-	-	1.0	2	3.0	4
	e	14	158	80	1300	0.042	-	-				
Q,36	a	10	113	72	1000	0.036	-	-				
	b	12	136	90	1600	0.049	-	-				
	c	8	90	56	510	0.029	-	-				
	d	18	203	84	1400	0.044	-	-	4.0	11	2.5	3
	e	16	181	66	830	0.032	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-41 - WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
6,3	a	4	45	44	130	0.016	-	-				
(ESG)	b	6	68	50	320	0.020	-	-	1.0	2	5.5	8
	c	2	23	22	0	0.013	-	-				
	d	2	23	42	64	0.014	-	-				
	e	8	90	34	0	0.013	-	-				
R,39	a	6	68	36	0	0.013	-	-	2.0	5	3.5	5
	b	0	0	40	0	0.013	-	-				
	c	0	0	36	0	0.013	-	-				
	d	0	0	52	380	0.022	-	-				
	e	4	45	34	0	0.013	-	-				
Q,36	a	0	0	32	0	0.013	-	-				
	b	4	45	24	0	0.013	-	-				
	c	6	68	48	260	0.019	-	-				
	d	8	90	42	64	0.014	-	-	1.0	2	3.5	5
	e	6	68	18	0	0.013	-	-				
Q,33	a	4	45	20	0	0.013	-	-				
	b	4	45	34	0	0.013	-	-				
	c	0	0	42	64	0.014	-	-				
	d	4	45	34	0	0.013	-	-				
	e	4	45	48	260	0.019	-	-	0	0	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & MD DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III. ROOM/ AREA 115-41 WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
R,33	a	4	45	22	0	0.013	-	-				
	b	0	0	28	0	0.013	-	-				
	c	4	45	36	0	0.013	-	-				
	d	8	90	36	0	0.013	-	-	1.0	2	1.5	1
	e	6	68	20	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG & MD DATE 12-12-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 115-41 CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
5,5	a	0	0	24	0	0.013	-	-				
(ESG)	b	4	45	42	64	0.014	-	-	0	0	0.5	0
	c	0	0	36	0	0.013	-	-				
	d	2	23	44	130	0.016	-	-				
	e	0	0	32	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) RG, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD - 1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Y1-1(19,7)	a	2	23	72	1000	0.036	-	-				
	b	4	45	74	1100	0.037	-	-	0	0	1.5	1
	c	10	110	27	0	0.013	-	-				
	d	6	68	68	900	0.033	-	-				
	e	4	45	34	0	0.013	-	-				
Y1-2(24,9)	a	8	90	96	1800	0.053	-	-	0	0	3.0	4
	b	8	90	74	1100	0.037	-	-				
	c	12	136	68	900	0.033	-	-				
	d	16	181	86	1500	0.046	-	-				
	e	20	226	74	1100	0.037	-	-				
Y1-3(30,7)	a	10	110	74	1100	0.037	-	-				
	b	12	136	64	770	0.030	-	-				
	c	14	158	66	830	0.032	-	-				
	d	6	68	66	830	0.032	-	-				
	e	6	69	82	1300	0.043	-	-	0	0	1.0	0
Y1-4(32,4)	a	10	110	78	1200	0.040	-	-				
	b	4	45	90	1600	0.049	-	-	0	0	1.5	1
	c	2	23	86	1500	0.046	-	-				
	d	14	158	60	640	0.027	-	-				
	e	2	23	80	1300	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Y1-5(38,1)	a	12	136	88	1500	0.047	-	-				
	b	8	90	84	1400	0.044	-	-				
	c	32	362	66	830	0.032	-	-				
	d	16	181	98	1900	0.054	-	-				
	e	50	565	142	3300	0.086	-	-	0	0	1.0	0
Y1-6(57,13)	a	8	90	64	770	0.030	-	-				
	b	0	0	70	960	0.034	-	-				
	c	6	68	94	1700	0.052	-	-	0.5	1	4.0	5
	d	2	23	98	1900	0.054	-	-				
	e	6	68	64	770	0.030	-	-				
Y1-7(63,4)	a	8	90	62	700	0.029	-	-				
	b	2	23	80	1300	0.042	-	-				
	c	8	90	76	1200	0.039	-	-	0	0	1.0	0
	d	2	23	76	1200	0.039	-	-				
	e	8	90	68	900	0.033	-	-				
Y1-8(63,13)	a	10	110	76	1200	0.039	-	-	0	0	2.0	2
	b	10	110	58	580	0.026	-	-				
	c	6	68	80	1300	0.042	-	-				
	d	2	23	54	450	0.023	-	-				
	e	4	45	56	510	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y1-9(71,1)	a	8	90	36	0	0.013	-	-				
	b	2	23	60	640	0.027	-	-				
	c	4	45	76	1200	0.039	-	-	0.5	1	1.5	1
	d	2	23	80	1300	0.042	-	-				
	e	6	68	72	1000	0.036	-	-				
Y1-10(76,3)	a	2	23	70	960	0.034	-	-				
	b	0	0	98	1900	0.054	-	-	0	0	2.0	2
	c	0	0	68	900	0.033	-	-				
	d	2	23	76	1200	0.039	-	-				
	e	8	90	78	1200	0.040	-	-				
Y1-11(90,8)	a	4	45	68	900	0.033	-	-				
	b	8	90	90	1600	0.049	-	-	0	0	2.5	3
	c	10	110	86	1500	0.046	-	-				
	d	8	90	64	770	0.030	-	-				
	e	4	45	60	640	0.027	-	-				
Y1-12(71,9)	a	10	110	72	1000	0.036	-	-	0	0	3.5	10
	b	2	23	64	770	0.030	-	-				
	c	8	90	64	770	0.030	-	-				
	d	8	90	66	830	0.032	-	-				
	e	10	110	60	640	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y1-13	a	0	0	74	1100	0.037	-	-				
	b	4	45	62	700	0.029	-	-				
	c	2	23	92	1700	0.050	-	-	0	0	1.5	1
	d	4	45	80	1300	0.042	-	-				
	e	2	23	76	1200	0.039	-	-				
Y1-14	a	2	23	54	450	0.023	-	-				
	b	0	0	46	190	0.017	-	-				
	c	2	23	36	0	0.013	-	-				
	d	2	23	48	260	0.019	-	-				
	e	6	68	50	320	0.020	-	-	0	0	1.5	1
Y1-15	a	6	68	100	1900	0.056	-	-	0	0	1.0	0
	b	8	90	54	450	0.023	-	-				
	c	10	110	38	0	0.013	-	-				
	d	4	45	58	580	0.026	-	-				
	e	6	68	66	830	0.032	-	-				
Y1-16	a	10	110	62	700	0.029	-	-	0	0	2.0	2
	b	6	68	62	700	0.029	-	-				
	c	8	90	58	580	0.026	-	-				
	d	6	68	54	450	0.023	-	-				
	e	4	45	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Y1-17	a	2	23	70	960	0.034	-	-				
	b	6	68	76	1200	0.039	-	-				
	c	4	45	82	1300	0.043	-	-	0	0	2.0	2
	d	8	90	52	380	0.022	-	-				
	e	6	68	48	260	0.019	-	-				
Y1-18	a	4	45	86	1500	0.046	-	-				
	b	6	68	81	1300	0.042	-	-				
	c	10	110	76	1200	0.039	-	-				
	d	2	23	60	640	0.027	-	-				
	e	2	23	88	1500	0.047	-	-	0	0	1.5	1
Y1-19	a	4	45	52	380	0.022	-	-				
	b	10	110	62	700	0.029	-	-				
	c	8	90	54	450	0.023	-	-				
	d	2	23	92	1700	0.050	-	-	0.5	1	3.0	4
	e	4	45	72	1000	0.036	-	-				
Y1-20	a	4	45	72	1000	0.036	-	-				
	b	16	181	82	1300	0.043	-	-	0	0	1.5	1
	c	8	90	46	190	0.017	-	-				
	d	12	136	72	1000	0.036	-	-				
	e	12	136	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GE DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Y1-21	a	2	23	62	700	0.029	-	-				
	b	6	68	66	830	0.032	-	-				
	c	4	45	52	380	0.022	-	-				
	d	2	23	74	1100	0.037	-	-				
	e	4	45	80	1300	0.042	-	-	0	0	1.5	1
Y1-22	a	0	0	88	1500	0.047	-	-	0	0	3.0	4
	b	0	0	82	1300	0.043	-	-				
	c	0	0	78	1200	0.040	-	-				
	d	4	45	74	1100	0.037	-	-				
	e	2	23	82	1300	0.043	-	-				
Y1-23	a	4	45	74	1100	0.037	-	-				
	b	4	45	88	1500	0.047	-	-	1.0	2	3.5	5
	c	2	23	58	580	0.026	-	-				
	d	6	68	74	1100	0.037	-	-				
	e	12	136	66	830	0.032	-	-				
Y1-24	a	10	110	68	900	0.033	-	-	0	0	1.0	0
	b	4	45	58	580	0.026	-	-				
	c	2	23	86	1500	0.046	-	-				
	d	6	68	64	770	0.030	-	-				
	e	10	110	66	830	0.032	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GE DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y1-25	a	4	45	86	1500	0.046	-	-				
	b	6	68	64	770	0.030	-	-				
	c	6	68	90	1600	0.049	-	-	0	0	2.0	2
	d	4	45	78	1200	0.040	-	-				
	e	10	110	74	1100	0.037	-	-				
Y1-26	a	18	203	60	640	0.027	-	-				
	b	14	158	70	960	0.034	-	-				
	c	30	339	62	700	0.029	-	-				
	d	20	226	42	64	0.014	-	-				
	e	24	271	84	1400	0.044	-	-	1.0	2	2.0	2
Y1-27	a	13	147	38	0	0.013	-	-				
	b	16	181	56	510	0.024	-	-				
	c	10	110	66	830	0.032	-	-				
	d	14	158	72	1000	0.036	-	-				
	e	14	158	82	1300	0.043	-	-	0.5	1	2.5	3
Y1-28	a	12	136	82	1300	0.043	-	-				
	b	4	45	60	640	0.027	-	-				
	c	14	158	36	0	0.013	-	-				
	d	14	158	92	1700	0.050	-	-	0.5	1	2.5	3
	e	8	90	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y1-29	a	10	110	60	640	0.027	-	-				
	b	10	110	76	1200	0.039	-	-				
	c	8	90	70	960	0.034	-	-				
	d	4	45	72	1000	0.036	-	-				
	e	12	136	96	1800	0.053	-	-	0	0	1.5	1
Y1-30	a	0	0	72	1000	0.036	-	-				
	b	12	136	88	1500	0.047	-	-	0	0	2.0	2
	c	6	68	74	1100	0.037	-	-				
	d	4	45	72	1000	0.036	-	-				
	e	4	45	64	770	0.030	-	-				
Y1-31	a	6	68	74	1100	0.037	-	-				
	b	8	90	68	900	0.033	-	-				
	c	2	23	70	960	0.034	-	-				
	d	2	23	90	1600	0.049	-	-	0.5	1	0.5	0
	e	4	45	60	640	0.027	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-7-83

FACILITY ESG - Pha

GRID BLOCK	POINT	DIRECT PRO			
		ALPHA(a)		BE	
		c/m	d/m/100cm^2	c/m	d
Y1-32	a	0	0	100	
	b	18	200	106	
	c	58	660	78	
	d	12	140	82	
	e	42	480	104	
Y1-33	a	12	140	64	
	b	4	45	76	
	c	6	68	82	
	d	4	45	80	
	e	4	45	150	
Y1-34	a	14	160	106	
	b	2	23	78	
	c	10	110	76	
	d	18	200	90	
	e	6	68	60	
Y1-35	a	18	200	98	
	b	4	45	78	
	c	12	140	70	
	d	26	290	64	
	e	14	160	80	

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS

BACKGROUND (a) @ 1 c/m (b) @ 40

REMARKS

SURVEYOR (s) MD. LH

CONTA

FACILITY ESG - Pha

GRID BLOCK	POINT	DIRECT PR			
		ALPHA(a)		BE	
		c/m	d/m/100cm^2	c/m	d/m/
Y1-36	a	14	160	76	
	b	8	90	64	
	c	14	160	64	
	d	18	200	88	
	e	8	90	62	
Y1-37	a	38	430	118	
	b	50	570	96	
	c	12	140	86	
	d	2	23	76	
	e	36	410	62	
Y1-38	a	4	45	78	
	b	8	90	66	
	c	18	200	72	
	d	22	250	76	
	e	14	160	70	
Y1-39	a	14	160	74	
	b	20	230	70	
	c	8	90	94	
	d	36	410	72	
	e	14	160	90	

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1

BACKGROUND (a) @ 1 c/m (b) @

REMARKS

SURVEYOR (s) MD. LH

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y1-40	a	20	230	88	1500	0.047	-	-	0	0	7.0	11
	b	18	200	72	1000	0.036	-	-				
	c	20	230	80	1300	0.042	-	-				
	d	16	180	104	2000	0.059	-	-				
	e	10	110	69	770	0.030	-	-				
Y1-41	a	20	180	46	190	0.017	-	-				
	b	22	250	50	320	0.020	-	-	0	0	2.5	3
	c	14	160	96	1800	0.053	-	-				
	d	20	180	82	1300	0.043	-	-				
	e	20	180	90	1600	0.049	-	-				
Y1-42	a	24	270	106	2100	0.060	-	-				
	b	64	720	96	1800	0.053	-	-	4.0	11	5.0	7
	c	56	630	114	1300	0.066	-	-				
	d	8	90	116	2400	0.067	-	-				
	e	38	430	126	1400	0.074	-	-				
Y1-43	a	10	110	90	1600	0.049	-	-				
	b	30	340	94	1700	0.052	-	-				
	c	34	380	64	770	0.030	-	-				
	d	72	810	92	1700	0.050	-	-	1.5	4	3.5	5
	e	14	160	84	1400	0.044	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y1-44	a	10	110	62	700	0.029	-	-				
	b	4	45	96	1800	0.053	-	-				
	c	30	340	80	1300	0.042	-	-	0	0	3.5	5
	d	10	110	84	1400	0.044	-	-				
	e	6	68	82	1300	0.043	-	-				
Y1-45	a	20	230	120	2600	0.070	-	-				
	b	40	450	120	2600	0.070	-	-	1.0	2	3.0	4
	c	14	160	112	2300	0.064	-	-				
	d	6	68	98	1900	0.054	-	-				
	e	12	140	116	2400	0.067	-	-				
Y1-46	a	12	140	118	2500	0.069	-	-	0	0	1.0	0
	b	6	68	80	1300	0.042	-	-				
	c	0	0	82	1300	0.043	-	-				
	d	4	45	98	1900	0.054	-	-				
	e	2	23	124	2700	0.073	-	-				
Y1-47	a	12	140	80	1300	0.042	-	-				
	b	12	140	82	1300	0.043	-	-				
	c	26	290	96	1800	0.053	-	-	0.5	1	2.5	3
	d	12	140	62	700	0.029	-	-				
	e	16	180	78	1200	0.040	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Y1-48	a	12	140	78	1200	0.040	-	-				
	b	14	160	116	2400	0.067	-	-				
	c	12	140	64	770	0.030	-	-				
	d	16	180	68	900	0.033	-	-	2.5	7	3.0	4
	e	4	45	60	640	0.027	-	-				
Y1-49	a	10	110	78	1200	0.040	-	-				
	b	4	45	58	580	0.026	-	-				
	c	6	68	64	770	0.030	-	-				
	d	20	230	94	1700	0.052	-	-	0.5	1	3.0	4
	e	8	90	74	1100	0.037	-	-				
Y1-50	a	8	90	86	1500	0.046	-	-				
	b	6	68	88	1500	0.047	-	-				
	c	6	68	120	2600	0.070	-	-				
	d	8	90	74	1100	0.037	-	-				
	e	10	110	82	1300	0.043	-	-	3.5	10	4.0	5
Y1-51	a	2	23	54	450	0.023	-	-				
	b	4	45	66	830	0.032	-	-				
	c	4	45	82	1300	0.043	-	-				
	d	6	68	98	1900	0.054	-	-	1.5	4	2.5	3
	e	0	0	72	1000	0.036	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA YARD-1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Y1,52	a	24	270	80	1300	0.042	-	-	0	0	2.5	3
	b	22	250	58	580	0.026	-	-				
	c	6	68	88	1500	0.049	-	-				
	d	10	110	98	1900	0.054	-	-				
	e	8	90	78	1200	0.040	-	-				
Y1-53	a	6	68	76	1200	0.039	-	-				
	b	8	90	58	580	0.026	-	-				
	c	4	45	84	1400	0.044	-	-				
	d	2	23	82	1300	0.043	-	-				
	e	8	90	84	1400	0.044	-	-	1.0	2	2.5	3
Y1-54	a	8	90	102	2000	0.057	-	-				
	b	32	360	72	1000	0.036	-	-	0.5	1	2.5	3
	c	22	250	86	1500	0.046	-	-				
	d	18	200	98	1900	0.054	-	-				
	e	12	140	80	1300	0.042	-	-				
Y1-55	a	6	68	72	1000	0.036	-	-				
	b	12	140	50	320	0.020	-	-				
	c	10	110	60	690	0.027	-	-				
	d	16	180	84	1400	0.044	-	-	0	0	0.5	0
	e	8	90	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-20-83

FACILITY ESG - Phase III ROOM / AREA YARD-2 (IRD 507)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm
Y2-1	a	2	23	74	1100	0.037	-	-				
	b	0	0	74	1100	0.037	-	-				
	c	6	68	58	580	0.026	-	-	0	0	2.0	2
	d	4	45	70	960	0.034	-	-				
	e	0	0	72	1000	0.036	-	-				
Y2-2	a	6	68	72	1000	0.036	-	-	0	0	2.5	3
	b	2	23	80	1300	0.042	-	-				
	c	6	68	70	960	0.034	-	-				
	d	2	23	66	830	0.032	-	-				
	e	4	45	46	190	0.017	-	-				
Y2-3	a	2	23	70	960	0.034	-	-				
	b	2	23	72	1000	0.036	-	-				
	c	4	45	82	1300	0.043	-	-	0	0	1.5	1
	d	2	23	86	1500	0.046	-	-				
	e	0	0	76	1200	0.039	-	-				
Y2-4	a	4	45	82	1300	0.043	-	-				
	b	4	45	72	1000	0.036	-	-				
	c	4	45	92	1700	0.050	-	-	0	0	3.0	4
	d	4	45	84	1400	0.044	-	-				
	e	6	68	58	580	0.026	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA YARD-2

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA (a) c/m	ALPHA (a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm
Y2-5	a	2	23	70	960	0.034	-	-				
	b	2	23	78	1200	0.040	-	-				
	c	4	45	76	1200	0.039	-	-	0	0	3.5	5
	d	2	23	78	1200	0.040	-	-				
	e	2	23	64	770	0.030	-	-				
Y2-6	a	6	68	62	700	0.029	-	-	0.5	1	2.5	3
	b	4	45	60	640	0.027	-	-				
	c	4	45	66	830	0.032	-	-				
	d	2	23	68	900	0.033	-	-				
	e	0	0	54	450	0.023	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-3 (BD 508)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y3-1	a	10	110	68	900	0.033	-	-	0	0	1.5	1
	b	2	23	70	960	0.034	-	-				
	c	6	68	92	1700	0.050	-	-				
	d	0	0	82	1300	0.043	-	-				
	e	2	23	76	1200	0.039	-	-				
Y3-2	a	0	0	82	1300	0.043	-	-				
	b	4	45	84	1400	0.044	-	-	0	0	3.0	4
	c	8	90	54	450	0.023	-	-				
	d	2	23	76	1200	0.039	-	-				
	e	4	45	74	1100	0.037	-	-				
Y3-3	a	0	0	74	1100	0.037	-	-				
	b	6	68	82	1300	0.043	-	-	0.5	1	2.5	3
	c	0	0	80	1300	0.042	-	-				
	d	4	45	72	1000	0.036	-	-				
	e	2	23	66	830	0.032	-	-				
Y3-4	a	2	23	72	1000	0.036	-	-				
	b	0	0	94	1700	0.052	-	-				
	c	2	23	80	1300	0.042	-	-				
	d	10	110	80	1300	0.042	-	-	0	0	2.5	3
	e	8	90	76	1200	0.039	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD-3 (YAR 508)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y3-5	a	4	45	62	700	0.029	-	-				
	b	2	23	60	640	0.027	-	-				
	c	6	68	68	900	0.033	-	-	0	0	3.0	4
	d	2	23	46	190	0.017	-	-				
	e	4	45	54	450	0.023	-	-				
Y3-6	a	4	45	88	1500	0.047	-	-				
	b	6	68	74	1100	0.037	-	-				
	c	0	0	80	1300	0.042	-	-				
	d	8	90	78	1200	0.040	-	-	0	0	2.0	2
	e	6	68	94	1400	0.044	-	-				
Y3-7	a	0	0	70	960	0.034	-	-				
	b	2	23	68	900	0.033	-	-				
	c	2	23	68	900	0.033	-	-				
	d	2	23	56	510	0.024	-	-				
	e	2	23	92	1700	0.050	-	-	0	0	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE DATE 12-8-83

FACILITY ESG - Phase III ROOM/ AREA Y4 (YARD 5.)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Y4-1	a	8	90	86	1500	0.046	-	-	0.5	1	1.0	0
	b	4	45	80	1300	0.042	-	-				
	c	4	45	92	1700	0.050	-	-				
	d	0	0	74	1100	0.037	-	-				
	e	2	23	72	1000	0.036	-	-				
Y4-2	a	2	23	68	900	0.033	-	-				
	b	8	90	60	640	0.027	-	-				
	c	4	45	74	1100	0.037	-	-				
	d	6	68	80	1300	0.042	-	-				
	e	2	23	108	2200	0.062	-	-	0	0	3.5	5
Y4-3	a	6	68	56	610	0.024	-	-				
	b	4	45	98	1900	0.054	-	-	0.5	1	1.0	0
	c	2	23	66	830	0.032	-	-				
	d	2	23	62	700	0.029	-	-				
	e	2	23	88	1600	0.047	-	-				
Y4-5	a	2	23	64	770	0.030	-	-				
	b	2	23	76	1200	0.039	-	-				
	c	0	0	64	770	0.030	-	-				
	d	10	110	64	770	0.030	-	-	0.5	1	2.5	3
	e	4	45	68	900	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA Y4 (YARD 5.)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
Y4-6	a	2	23	76	1200	0.039	-	-				
	b	6	68	90	1600	0.049	-	-	0	0	3.5	5
	c	0	0	80	1300	0.042	-	-				
	d	4	45	92	1700	0.050	-	-				
	e	0	0	86	1500	0.046	-	-				
Y4-7	a	2	23	70	960	0.034	-	-				
	b	2	23	82	1300	0.043	-	-				
	c	4	45	88	1500	0.047	-	-				
	d	2	23	68	900	0.033	-	-				
	e	8	90	84	1400	0.044	-	-	0	0	1.0	0
Y4-8	a	2	23	70	960	0.034	-	-				
	b	2	23	64	770	0.030	-	-				
	c	4	45	98	1900	0.058	-	-				
	d	2	23	76	1200	0.039	-	-	0.5	1	2.5	3
	e	6	68	86	1500	0.046	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GE DATE 12-8-83

FACILITY ESG - Phase III ROOM/ AREA YARD - 5

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y5-1	a	2	23	50	320	0.020	-	-				
	b	4	45	66	830	0.032	-	-				
	c	4	45	80	1300	0.042	-	-	0	0	0.5	0
	d	4	45	70	960	0.038	-	-				
	e	4	45	74	1100	0.037	-	-				
Y5-2	a	4	45	80	1300	0.042	-	-				
	b	0	0	86	1500	0.046	-	-				
	c	0	0	84	1400	0.044	-	-				
	d	2	23	96	1800	0.053	-	-				
	e	6	68	90	1600	0.049	-	-	0.5	1	0	0
Y5-3	a	4	45	66	830	0.032	-	-				
	b	6	68	66	830	0.032	-	-				
	c	2	23	72	1000	0.036	-	-				
	d	0	0	70	960	0.038	-	-				
	e	6	68	82	1300	0.043	-	-	0	0	2.0	2
Y5-4	a	0	0	68	900	0.033	-	-				
	b	4	45	74	1100	0.037	-	-				
	c	0	0	86	1500	0.046	-	-				
	d	0	0	76	1200	0.039	-	-				
	e	4	45	78	1200	0.040	-	-	0	0	0.5	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD - 5

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y5-5	a	0	0	64	770	0.030	-	-				
	b	6	68	94	1700	0.052	-	-	0	0	1.0	0
	c	0	0	70	960	0.034	-	-				
	d	0	0	72	1000	0.036	-	-				
	e	2	23	78	1200	0.040	-	-				
Y5-6	a	4	45	76	1200	0.039	-	-	0	0	1.5	1
	b	2	23	62	700	0.029	-	-				
	c	0	0	98	1900	0.054	-	-				
	d	0	0	52	380	0.022	-	-				
	e	0	0	80	1300	0.042	-	-				
Y5-7	a	2	23	60	640	0.027	-	-				
	b	2	23	48	260	0.019	-	-				
	c	2	23	50	320	0.020	-	-				
	d	4	45	62	700	0.029	-	-	0	0	1.5	1
	e	0	0	68	900	0.033	-	-				
Y5-8	a	2	23	88	1500	0.047	-	-	0	0	0	0
	b	0	0	82	1300	0.043	-	-				
	c	2	23	72	1000	0.036	-	-				
	d	2	23	80	1300	0.042	-	-				
	e	0	0	82	1300	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, LH DATE 12-21-83

FACILITY ESG - Phase III ROOM/ AREA YARD - 5

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y5-9	a	4	45	54	450	0.023	-	-		-		
	b	2	23	70	960	0.034	-	-				
	c	4	45	80	1300	0.042	-	-	0	0	0.5	0
	d	4	45	60	640	0.027	-	-				
	e	2	23	90	1600	0.049	-	-				
Y5-10	a	0	0	92	1700	0.050	-	-				
	b	0	0	90	1600	0.049	-	-				
	c	0	0	84	1400	0.044	-	-				
	d	4	45	70	960	0.034	-	-	0.5	1	1.5	1
	e	0	0	68	900	0.033	-	-				
Y5-11	a	0	0	92	1700	0.050	-	-				
	b	0	0	72	1000	0.034	-	-				
	c	2	23	98	1500	0.047	-	-				
	d	2	23	68	900	0.033	-	-				
	e	2	23	90	1600	0.049	-	-	0	0	0	0
Y5-12	a	0	0	84	1400	0.044	-	-				
	b	0	0	72	1000	0.034	-	-				
	c	2	23	102	2000	0.057	-	-	1.0	2	1.5	1
	d	2	23	74	1100	0.037	-	-				
	e	2	23	54	450	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, MD DATE 12-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA YARD - 5

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y5-13	a	2	23	58	580	0.026	-	-				
	b	2	23	64	770	0.030	-	-				
	c	4	45	72	1000	0.036	-	-				
	d	4	45	86	1500	0.046	-	-	0	0	1.0	0
	e	2	23	76	1200	0.039	-	-				
Y5-14	a	0	0	72	1000	0.036	-	-				
	b	4	45	80	1300	0.042	-	-				
	c	6	68	64	770	0.030	-	-	1.0	2	2.0	2
	d	2	23	48	260	0.019	-	-				
	e	2	23	70	960	0.034	-	-				
Y5-15	a	6	68	58	580	0.026	-	-				
	b	0	0	98	1500	0.047	-	-				
	c	4	45	78	1200	0.040	-	-				
	d	0	0	62	700	0.029	-	-				
	e	8	90	70	960	0.034	-	-	0	0	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, MD DATE 12-21-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA ROOF (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R-1	a	2	23	26	0	0.013	-	-				
	b	6	68	34	0	0.013	-	-				
	c	4	45	42	64	0.014	-	-				
	d	2	23	41	64	0.014	-	-				
	e	6	68	30	0	0.013	-	-	0	0	1.5	1
R-2	a	2	23	44	130	0.016	-	-				
	b	8	90	36	0	0.013	-	-				
	c	4	45	46	190	0.017	-	-				
	d	10	110	44	130	0.016	-	-	0	0	2.5	3
	e	6	68	32	0	0.013	-	-				
R-3	a	2	23	46	190	0.017	-	-				
	b	6	68	44	130	0.016	-	-	0.5	1	0.5	0
	c	6	68	40	0	0.013	-	-				
	d	4	45	36	0	0.013	-	-				
	e	4	45	32	0	0.013	-	-				
R-4	a	2	23	38	0	0.013	-	-				
	b	4	45	36	0	0.013	-	-				
	c	4	45	44	130	0.016	-	-	0	0	2.0	2
	d	2	23	40	0	0.013	-	-				
	e	6	68	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 11-6-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA ROOF (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
R-5	a	6	68	40	0	0.013	-	-	0	0	2.5	3
	b	4	45	44	130	0.016	-	-				
	c	4	45	36	0	0.013	-	-				
	d	4	45	40	0	0.013	-	-				
	e	2	23	38	0	0.013	-	-				
R-6	a	2	23	44	130	0.016	-	-	0.5	1	2.5	3
	b	4	45	38	0	0.013	-	-				
	c	4	45	44	130	0.016	-	-				
	d	6	68	38	0	0.013	-	-				
	e	2	23	40	0	0.013	-	-				
R-7	a	2	23	44	130	0.016	-	-				
	b	4	45	38	0	0.013	-	-				
	c	4	45	44	130	0.016	-	-	0.5	1	1.5	1
	d	6	68	38	0	0.013	-	-				
	e	2	23	40	0	0.013	-	-				
R-8	a	2	23	44	130	0.016	-	-				
	b	2	23	46	190	0.017	-	-				
	c	4	45	44	130	0.016	-	-				
	d	6	68	42	64	0.014	-	-				
	e	6	68	44	130	0.016	-	-	0.5	1	1.0	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS RCG DATE 12-6-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA Roof (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-9	a	2	23	38	0	0.013	-	-				
	b	4	45	50	320	0.020	-	-	0	0	3.5	5
	c	4	45	44	130	0.016	-	-				
	d	2	23	42	64	0.014	-	-				
	e	2	23	46	190	0.017	-	-				
R-10	a	6	68	50	320	0.020	-	-	0.5	1	4.0	5
	b	6	68	44	130	0.016	-	-				
	c	2	23	40	0	0.013	-	-				
	d	2	23	36	0	0.013	-	-				
	e	2	23	42	64	0.014	-	-				
R-11	a	2	23	34	0	0.013	-	-				
	b	4	45	40	0	0.013	-	-				
	c	2	23	44	130	0.016	-	-	0.5	1	3.0	4
	d	2	23	40	0	0.013	-	-				
	e	2	23	40	0	0.013	-	-				
R-12	a	4	45	40	0	0.013	-	-				
	b	4	45	38	0	0.013	-	-				
	c	6	68	42	64	0.014	-	-	0.5	1	4.0	5
	d	2	23	40	0	0.013	-	-				
	e	2	23	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-6-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA Roof (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-13	a	4	45	40	0	0.013	-	-				
	b	2	23	46	190	0.017	-	-				
	c	4	45	38	0	0.013	-	-				
	d	6	68	42	64	0.014	-	-				
	e	6	68	50	320	0.020	-	-	0.5	1	1.0	0
R-14	a	4	45	10	0	0.013	-	-	0	0	2.5	3
	b	0	0	44	130	0.016	-	-				
	c	2	23	36	0	0.013	-	-				
	d	2	23	40	0	0.013	-	-				
	e	4	45	42	64	0.014	-	-				
R-15	a	6	68	48	260	0.019	-	-	0	0	3.5	5
	b	4	45	42	64	0.014	-	-				
	c	6	68	42	64	0.014	-	-				
	d	0	0	44	130	0.016	-	-				
	e	2	23	42	64	0.014	-	-				
R-16	a	2	23	54	450	0.023	-	-	0.5	1	2.5	3
	b	2	23	48	260	0.019	-	-				
	c	4	45	38	0	0.013	-	-				
	d	2	23	44	130	0.016	-	-				
	e	4	45	46	190	0.017	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-6-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA ROOF (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-17	a	8	90	71	1000	0.035	-	-				
	b	9	102	79	1300	0.041	-	-				
	c	8	90	68	770	0.029	-	-				
	d	7	79	93	1700	0.051	-	-	0	0	2.5	3
	e	6	68	64	770	0.030	-	-				
R-18	a	4	45	65	830	0.031	-	-	0	0	2.0	2
	b	3	34	63	770	0.029	-	-				
	c	2	23	48	260	0.019	-	-				
	d	5	57	56	510	0.024	-	-				
	e	4	45	58	580	0.026	-	-				
R-19	a	3	34	33	0	0.013	-	-				
	b	2	23	27	0	0.013	-	-				
	c	7	79	34	0	0.013	-	-	0	0	2.0	2
	d	4	45	28	0	0.013	-	-				
	e	1	11	27	0	0.013	-	-				
R-20	a	6	68	37	0	0.013	-	-				
	b	1	11	44	130	0.016	-	-				
	c	2	23	32	0	0.013	-	-				
	d	2	23	39	0	0.013	-	-				
	e	3	34	38	0	0.013	-	-	0	0	1.0	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) TJS, RCG DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA ROOF (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-21	a	6	68	74	1100	0.037	-	-	0	0	2.0	2
	b	1	11	51	380	0.021	-	-				
	c	1	11	64	960	0.034	-	-				
	d	2	23	70	960	0.034	-	-				
	e	2	23	75	1200	0.038	-	-				
R-22	a	7	79	75	1200	0.038	-	-	0.5	1	1.5	1
	b	4	45	63	770	0.029	-	-				
	c	3	34	58	580	0.026	-	-				
	d	2	23	68	900	0.033	-	-				
	e	5	57	64	770	0.030	-	-				
R-23	a	5	57	67	900	0.032	-	-				
	b	8	90	82	1300	0.043	-	-	0	0	0.5	0
	c	4	45	64	770	0.030	-	-				
	d	0	0	64	770	0.030	-	-				
	e	6	68	77	1200	0.039	-	-				
R-24	a	2	23	47	260	0.018	-	-				
	b	0	0	44	130	0.016	-	-				
	c	1	11	64	770	0.030	-	-				
	d	1	11	42	64	0.014	-	-				
	e	2	23	58	580	0.026	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS R 21/23 are on the loading dock roof
R 24 is on the vault roof

SURVEYOR (s) DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA ROOF (001)

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-25	a	2	23	60	640	0.027	-	-				
	b	0	0	42	64	0.014	-	-				
	c	2	23	44	130	0.016	-	-				
	d	4	45	58	580	0.026	-	-	0.5	1	2.0	2
	e	3	34	46	190	0.017	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS R 35 is on vault roof

SURVEYOR (s) RH & JS DATE 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 001 ROOF

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-26	a	8	90	32	0	0.013	-	-				
	b	0	0	38	0	0.013	-	-				
	c	4	45	26	0	0.013	-	-				
	d	6	68	36	0	0.013	-	-	0	0	1.5	1
	e	8	90	32	0	0.013	-	-				
R-27	a	0	0	32	0	0.013	-	-				
	b	0	0	54	450	0.023	-	-				
	c	2	23	46	190	0.017	-	-				
	d	2	23	32	0	0.013	-	-				
	e	2	23	62	700	0.029	-	-	1.0	2	4.0	5
R-28	a	2	23	28	0	0.013	-	-				
	b	6	68	42	64	0.014	-	-				
	c	10	110	72	1000	0.036	-	-	0.5	1	0.5	0
	d	4	45	40	0	0.013	-	-				
	e	4	45	52	380	0.022	-	-				
R-29	a	2	23	38	0	0.013	-	-				
	b	4	45	26	0	0.013	-	-				
	c	4	45	26	0	0.013	-	-				
	d	2	23	30	0	0.013	-	-				
	e	6	68	58	580	0.026	-	-	0	0	1.5	1

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 + 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 001 ROOF

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-30	a	4	45	42	64	0.014	-	-				
	b	0	0	38	0	0.013	-	-				
	c	2	23	42	64	0.014	-	-				
	d	0	0	48	260	0.019	-	-	1.0	2	1.5	1
	e	2	23	28	0	0.013	-	-				
R-31	a	8	90	24	0	0.013	-	-				
	b	14	158	52	380	0.022	-	-	0	0	4.0	5
	c	14	158	42	64	0.014	-	-				
	d	12	136	50	320	0.020	-	-				
	e	14	158	48	260	0.019	-	-				
R-32	a	4	45	64	770	0.030	-	-	0	0	1.0	0
	b	8	90	32	0	0.013	-	-				
	c	2	23	36	0	0.013	-	-				
	d	0	0	42	64	0.014	-	-				
	e	2	23	38	0	0.013	-	-				
R-33	a	2	23	50	320	0.020	-	-				
	b	6	68	26	0	0.013	-	-				
	c	2	23	26	0	0.013	-	-				
	d	6	68	36	0	0.013	-	-	0	0	2.5	3
	e	4	45	40	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 & 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 001 ROOF

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-34	a	2	23	38	0	0.013	-	-				
	b	0	0	44	130	0.016	-	-				
	c	8	90	26	0	0.013	-	-	0	0	3.0	4
	d	4	45	18	0	0.013	-	-				
	e	2	23	26	0	0.013	-	-				
R-35	a	2	23	17	0	0.013	-	-				
	b	8	90	34	0	0.013	-	-				
	c	8	90	42	64	0.014	-	-	1.0	2	2.0	2
	d	4	45	44	130	0.016	-	-				
	e	0	0	38	0	0.013	-	-				
R-36	a	0	0	34	0	0.013	-	-				
	b	0	0	30	0	0.013	-	-				
	c	4	45	36	0	0.013	-	-				
	d	2	23	32	0	0.013	-	-				
	e	8	90	34	0	0.013	-	-	0	0	3.5	5
R-37	a	2	23	50	320	0.020	-	-				
	b	8	90	48	260	0.019	-	-	0.5	1	2.0	2
	c	4	45	42	64	0.014	-	-				
	d	2	23	40	0	0.013	-	-				
	e	2	23	44	130	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 & 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 001 ROOF

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-38	a	6	68	50	320	0.020	-	-				
	b	6	68	44	130	0.016	-	-				
	c	2	23	50	320	0.020	-	-				
	d	6	68	46	190	0.017	-	-				
	e	8	90	56	510	0.024	-	-	1.5	4	2.5	3
R-39	a	2	23	28	0	0.013	-	-				
	b	6	68	26	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-	0	0	1.0	0
	d	0	0	38	0	0.013	-	-				
	e	2	23	30	0	0.013	-	-				
R-40	a	2	23	52	380	0.022	-	-				
	b	2	23	20	0	0.013	-	-				
	c	4	45	32	0	0.013	-	-	0.5	1	0.5	0
	d	0	0	32	0	0.013	-	-				
	e	2	23	20	0	0.013	-	-				
R-41	a	2	23	28	0	0.013	-	-				
	b	2	23	36	0	0.013	-	-				
	c	2	23	28	0	0.013	-	-				
	d	4	45	38	0	0.013	-	-	0	0	4.0	5
	e	4	45	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 & 12-7 - 83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 001 ROOF

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
R-42	a	2	23	18	0	0.013	-	-				
	b	8	90	32	0	0.013	-	-				
	c	2	23	40	0	0.013	-	-				
	d	4	45	44	130	0.016	-	-				
	e	6	68	46	190	0.017	-	-	0	0	1.5	1
R-43	a	2	23	28	0	0.013	-	-				
	b	0	0	38	0	0.013	-	-				
	c	4	45	46	64	0.017	-	-	0	0	3.0	4
	d	4	45	32	0	0.013	-	-				
	e	4	45	40	0	0.013	-	-				
R-44	a	4	45	30	0	0.013	-	-				
	b	8	90	32	0	0.013	-	-				
	c	4	45	38	0	0.013	-	-				
	d	6	68	38	0	0.013	-	-	0.5	1	2.0	2
	e	6	68	38	0	0.013	-	-				
R-45	a	12	136	20	0	0.013	-	-				
	b	4	45	34	0	0.013	-	-				
	c	2	23	26	0	0.013	-	-				
	d	0	0	30	0	0.013	-	-				
	e	4	45	36	0	0.013	-	-	0.5	1	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 & 12-7 - 83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 001 ROOF

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
R-46	a	4	45	56	510	0.024	-	-	0.5	1	4.0	5
	b	4	45	44	130	0.016	-	-				
	c	4	45	48	260	0.019	-	-				
	d	6	68	40	0	0.013	-	-				
	e	6	68	26	0	0.013	-	-				
R-47	a	0	0	42	64	0.014	-	-				
	b	6	68	44	130	0.016	-	-	0	0	5.0	7
	c	2	23	34	0	0.013	-	-				
	d	0	0	38	0	0.013	-	-				
	e	4	45	30	0	0.013	-	-				
R-48	a	2	23	28	0	0.013	-	-				
	b	8	90	30	0	0.013	-	-				
	c	2	23	20	0	0.013	-	-				
	d	8	90	24	0	0.013	-	-				
	e	2	23	42	64	0.014	-	-	0	0	4.0	5
R-49	a	6	68	26	0	0.013	-	-				
	b	4	45	40	0	0.013	-	-				
	c	6	68	50	320	0.020	-	-	0.5	1	2.0	2
	d	4	45	40	0	0.013	-	-				
	e	6	68	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 + 12-7-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA Roof 001

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
R-50	a	4	45	52	380	0.022	-	-				
	b	8	90	60	640	0.027	-	-				
	c	6	68	54	450	0.023	-	-				
	d	2	23	62	700	0.029	-	-				
	e	4	45	64	770	0.030	-	-	0	0	3.0	4
R-51	a	6	68	28	0	0.013	-	-				
	b	8	90	52	380	0.022	-	-	0	0	6.0	9
	c	0	0	30	0	0.013	-	-				
	d	0	0	36	0	0.013	-	-				
	e	8	90	42	64	0.014	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-6 + 12-7 - 83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-1(1,4) (ESG)	a	8	90	14	0	0.013	-	-				
	b	2	23	36	0	0.013	-	-	0	0	1.5	1
	c	0	0	26	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	2	23	26	0	0.013	-	-				
M-2(1,15) (ESG)	a	10	110	46	190	0.017	-	-	1.5	4	2.5	3
	b	0	0	42	64	0.014	-	-				
	c	2	23	40	0	0.013	-	-				
	d	4	45	38	0	0.013	-	-				
	e	6	68	40	0	0.013	-	-				
M-3(4,10) (ESG)	a	0	0	70	960	0.039	-	-				
	b	2	23	66	830	0.032	-	-				
	c	4	45	54	450	0.023	-	-				
	d	0	0	64	770	0.030	-	-				
	e	6	68	52	380	0.022	-	-	0	0	1.0	0
M-4(6,3) (ESG)	a	0	0	28	0	0.013	-	-				
	b	6	68	53	570	0.026	-	-				
	c	2	23	56	510	0.024	-	-				
	d	6	68	58	570	0.026	-	-				
	e	4	45	80	1300	0.042	-	-	1.0	2	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF + LH DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM / AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA (a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-5(6,4) (ESG)	a	4	45	26	0	0.013	-	-				
	b	2	23	32	0	0.013	-	-				
	c	2	23	20	0	0.013	-	-				
	d	8	90	22	0	0.013	-	-				
	e	2	23	32	0	0.013	-	-	0	0	2.5	3
M-6(7,2) (ESG)	a	0	0	40	0	0.013	-	-				
	b	2	23	60	640	0.027	-	-				
	c	6	68	46	190	0.017	-	-				
	d	2	23	58	570	0.026	-	-				
	e	4	45	64	770	0.030	-	-	2.0	5	3.0	4
M-7(8,15) (ESG)	a	8	90	62	700	0.029	-	-	2.0	5	1.5	1
	b	2	23	44	130	0.016	-	-				
	c	6	68	74	1100	0.037	-	-				
	d	2	23	64	770	0.030	-	-				
	e	2	23	58	570	0.026	-	-				
M-8(12,4) (ESG)	a	2	23	28	0	0.013	-	-				
	b	10	110	34	0	0.013	-	-				
	c	4	45	22	0	0.013	-	-				
	d	6	68	38	0	0.013	-	-	0.5	1	2.0	2
	e	2	23	32	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-14-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-9(7,4) (ESG)	a	0	0	34	0	0.013	-	-				
	b	6	68	24	0	0.013	-	-				
	c	6	68	52	380	0.022	-	-	0	0	2.0	2
	d	2	23	48	260	0.019	-	-				
	e	2	23	36	0	0.013	-	-				
M-10(7,4) (ESG)	a	2	23	28	0	0.013	-	-				
	b	2	23	26	0	0.013	-	-				
	c	0	0	46	190	0.017	-	-	0.5	1	3.0	4
	d	4	45	32	0	0.013	-	-				
	e	2	23	28	0	0.013	-	-				
M-11	a	8	90	52	380	0.022	-	-	1.5	4	5.0	7
	b	6	68	52	380	0.022	-	-				
	c	0	0	40	0	0.013	-	-				
	d	6	68	44	130	0.016	-	-				
	e	6	68	50	320	0.020	-	-				
M-12	a	2	23	52	380	0.022	-	-				
	b	2	23	56	510	0.024	-	-				
	c	4	45	66	830	0.032	-	-	1.5	4	3.5	5
	d	2	23	60	640	0.027	-	-				
	e	2	23	68	890	0.033	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-14-83, 12-13-83

CONTAMINATION S' EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-13	a	12	136	32	0	0.013	-	-	1.5	4	3.0	4
	b	6	68	34	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	2	23	60	640	0.027	-	-				
	e	0	0	50	320	0.020	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-13-83

FACILITY ESG - Phase III ROOM/ AREA MEZZ. - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-14	a	2	23	34	0		-	-				
	b	2	23	42	64	0.014	-	-				
	c	0	0	32	0	0.013	-	-				
	d	0	0	56	510	0.024	-	-	0.5	1	4.0	5
	e	0	0	56	510	0.024	-	-				
M-15	a	2	23	76	1100	0.039	-	-				
	b	4	45	62	700	0.029	-	-				
	c	6	68	84	1400	0.044	-	-				
	d	2	23	54	450	0.023	-	-				
	e	10	113	44	130	0.016	-	-	1.0	2	1.0	0
M-16	a	4	45	54	450	0.023	-	-				
	b	2	23	54	450	0.023	-	-				
	c	2	23	50	320	0.020	-	-				
	d	8	90	46	190	0.017	-	-	1.5	4	3.5	5
	e	0	0	46	190	0.017	-	-				
M-17	a	0	0	54	450	0.023	-	-				
	b	4	45	62	700	0.029	-	-				
	c	2	23	54	450	0.023	-	-				
	d	0	0	60	640	0.027	-	-				
	e	2	23	60	640	0.027	-	-	0.5	1	1.0	0

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-13-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZ. - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-18	a	2	23	66	830	0.032	-	-				
	b	4	45	80	1300	0.042	-	-	0	0	2.5	3
	c	0	0	52	386	0.022	-	-				
	d	2	23	58	570	0.026	-	-				
	e	4	45	66	830	0.032	-	-				
M-19	a	10	113	36	0	0.013	-	-				
	b	12	136	50	320	0.020	-	-				
	c	4	45	68	890	0.033	-	-				
	d	18	203	36	0	0.013	-	-	2.5	7	5.5	8
	e	4	45	56	510	0.024	-	-				
M-20	a	12	136	78	1200	0.040	-	-				
	b	6	68	64	770	0.030	-	-				
	c	16	181	46	190	0.017	-	-	0	0	1.0	0
	d	8	90	58	570	0.026	-	-				
	e	4	45	68	890	0.033	-	-				
M-21	a	6	68	58	570	0.026	-	-				
	b	2	23	54	450	0.023	-	-				
	c	4	45	74	1100	0.037	-	-	0	0	2.0	2
	d	2	23	56	510	0.024	-	-				
	e	2	23	56	510	0.024	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-13-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZ. - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-22	a	14	158	76	1100	0.039	-	-	1.0	2	1.5	1
	b	6	68	76	1100	0.039	-	-				
	c	4	45	54	456	0.023	-	-				
	d	10	113	74	1100	0.037	-	-				
	e	0	0	62	700	0.029	-	-				
M-23	a	12	136	60	640	0.027	-	-				
	b	10	113	66	830	0.032	-	-	0.5	1	3.0	4
	c	0	0	48	260	0.019	-	-				
	d	6	68	66	830	0.032	-	-				
	e	2	23	68	890	0.033	-	-				
M-24	a	4	45	58	570	0.026	-	-				
	b	4	45	60	640	0.027	-	-				
	c	4	45	52	380	0.022	-	-				
	d	0	0	62	700	0.029	-	-				
	e	4	45	60	640	0.027	-	-	1.0	2	2.5	3
M-25	a	6	68	54	450	0.023	-	-	0.5	1	2.5	3
	b	0	0	58	570	0.026	-	-				
	c	2	23	64	770	0.030	-	-				
	d	2	23	76	1100	0.039	-	-				
	e	2	23	48	260	0.019	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-13-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZ. - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-26	a	2	23	66	830	0.032	-	-				
	b	4	45	64	770	0.030	-	-				
	c	6	68	76	1100	0.039	-	-				
	d	8	90	72	1000	0.036	-	-	0.5	1	3.5	5
	e	2	23	44	130	0.016	-	-				
M-27	a	4	45	56	510	0.029	-	-				
	b	6	68	74	1100	0.037	-	-	0	0	2.0	2
	c	8	90	44	130	0.016	-	-				
	d	6	68	62	700	0.029	-	-				
	e	2	23	54	450	0.023	-	-				
M-28	a	24	271	66	830	0.032	-	-				
	b	28	316	72	1000	0.036	-	-				
	c	0	0	66	830	0.032	-	-				
	d	10	113	64	770	0.030	-	-				
	e	82	927	72	1000	0.036	-	-	3.5	10	4.0	5
M-29	a	2	23	66	830	0.032	-	-				
	b	2	23	64	770	0.030	-	-				
	c	6	68	46	190	0.017	-	-				
	d	4	45	60	640	0.027	-	-				
	e	10	113	64	770	0.030	-	-	2.5	7	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-13-83

CONTAMINATION [illegible] SURVEY

FACILITY ESG - Phase III ROOM/ AREA MEZZ. - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-30	a	14	158	78	1200	0.090	-	-				
	b	18	203	62	700	0.029	-	-	0	0	2.0	2
	c	8	90	58	570	0.026	-	-				
	d	4	45	78	1200	0.040	-	-				
	e	8	90	66	830	0.032	-	-				
M-31	a	6	68	32	0	0.013	-	-				
	b	8	90	36	0	0.013	-	-	1.0	2	3.0	4
	c	0	0	54	450	0.023	-	-				
	d	6	68	40	0	0.013	-	-				
	e	6	68	38	0	0.013	-	-				
M-32	a	8	90	46	190	0.017	-	-	2.0	5	5.5	8
	b	2	23	26	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	8	90	38	0	0.013	-	-				
M-33	a	2	23	52	380	0.022	-	-				
	b	8	90	40	0	0.013	-	-				
	c	10	113	42	64	0.014	-	-	0	0	1.0	0
	d	10	113	38	0	0.013	-	-				
	e	6	68	34	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZ. - FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-34	a	8	90	50	320	0.020	-	-	0	0	1.5	1
	b	2	23	42	64	0.014	-	-				
	c	0	0	32	0	0.013	-	-				
	d	0	0	32	0	0.013	-	-				
	e	0	0	32	0	0.013	-	-				
M-35	a	0	0	34	0	0.013	-	-				
	b	2	23	36	0	0.013	-	-				
	c	2	23	42	64	0.014	-	-				
	d	0	0	48	260	0.019	-	-				
	e	0	0	50	320	0.020	-	-	1.0	2	1.5	1
M-36	a	2	23	46	190	0.017	-	-				
	b	8	90	36	0	0.013	-	-				
	c	8	90	38	0	0.013	-	-	0.5	1	4.5	6
	d	6	68	36	0	0.013	-	-				
	e	6	68	24	0	0.013	-	-				
M-37	a	2	23	28	0	0.013	-	-				
	b	2	23	42	64	0.014	-	-				
	c	0	0	32	0	0.013	-	-				
	d	6	68	36	0	0.013	-	-				
	e	8	90	36	0	0.013	-	-	0	0	2.0	2

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, DATE 12-13-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-38	a	0	0	28	0	0.013	-	-				
	b	2	23	30	0	0.013	-	-				
	c	0	0	38	0	0.013	-	-	1.0	2	3.5	5
	d	2	23	34	0	0.013	-	-				
	e	0	0	38	0	0.013	-	-				
M-39	a	0	0	30	0	0.013	-	-				
	b	8	90	28	0	0.013	-	-				
	c	4	45	30	0	0.013	-	-				
	d	2	23	28	0	0.013	-	-				
	e	2	23	42	64	0.014	-	-	0	0	1.0	0
M-40	a	4	45	44	130	0.016	-	-				
	b	2	23	60	640	0.027	-	-	0.5	1	1.0	0
	c	4	45	40	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	4	45	34	0	0.013	-	-				
M-41	a	0	0	42	64	0.014	-	-				
	b	4	45	42	64	0.014	-	-	0	0	2.5	3
	c	0	0	42	64	0.014	-	-				
	d	2	23	38	0	0.013	-	-				
	e	2	23	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF + LH DATE 12.13.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-42	a	4	45	26	0	0.013	-	-				
	b	2	23	30	0	0.013	-	-				
	c	0	0	22	0	0.013	-	-				
	d	0	0	20	0	0.013	-	-				
	e	2	23	40	0	0.013	-	-	0.5	1	3.0	4
M-43	a	4	45	20	0	0.013	-	-				
	b	6	68	24	0	0.013	-	-				
	c	2	23	38	0	0.013	-	-				
	d	0	0	54	450	0.023	-	-	0	0	2.5	3
	e	2	23	36	0	0.013	-	-				
M-44	a	0	0	50	320	0.020	-	-				
	b	2	23	54	450	0.023	-	-	0.5	1	3.5	5
	c	0	0	50	320	0.020	-	-				
	d	0	0	30	0	0.013	-	-				
	e	6	68	44	130	0.016	-	-				
M-45	a	2	23	52	380	0.022	-	-				
	b	2	23	50	320	0.020	-	-				
	c	2	23	54	450	0.023	-	-	0	0	1.5	1
	d	2	23	44	130	0.016	-	-				
	e	0	0	26	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH + GF DATE 12.14.83

FACILITY ESG - Phase III ROOM/ AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-46	a	2	23	38	0	0.013	-	-				
	b	4	45	56	510	0.024	-	-	0	0	1.5	1
	c	4	45	42	64	0.014	-	-				
	d	4	45	28	0	0.013	-	-				
	e	2	23	28	0	0.013	-	-				
M-47	a	4	45	76	1200	0.039	-	-	0.5	1	4.5	6
	b	0	0	68	900	0.033	-	-				
	c	2	23	76	1200	0.039	-	-				
	d	0	0	60	640	0.027	-	-				
	e	4	45	50	320	0.020	-	-				
M-48	a	6	68	40	0	0.013	-	-				
	b	0	0	66	830	0.032	-	-	0	0	4.5	6
	c	4	45	56	510	0.024	-	-				
	d	2	23	48	260	0.019	-	-				
	e	4	45	56	510	0.024	-	-				
M-49	a	2	23	80	1300	0.092	-	-	0	0	2.5	3
	b	6	68	56	510	0.024	-	-				
	c	4	45	62	700	0.029	-	-				
	d	6	68	54	450	0.023	-	-				
	e	0	0	60	640	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH + GF DATE 12.14.83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA MEZZANINE

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
M-50	a	10	110	78	1200	0.049	-	-				
	b	18	203	66	830	0.032	-	-				
	c	16	180	72	1000	0.036	-	-				
	d	8	90	58	580	0.024	-	-				
	e	22	250	60	640	0.027	-	-	1.0	2	3.0	4
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA PIT #1 IN Y1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
P1-1	a	2	23	48	260	0.019	-	-				
	b	2	23	48	260	0.019	-	-				
	c	4	45	46	190	0.017	-	-				
	d	0	0	50	320	0.020	-	-	0	0	1.0	0
	e	0	0	44	130	0.016	-	-				
P1-2	a	0	0	38	0	0.013	-	-				
	b	2	23	62	700	0.029	-	-	0	0	1.0	0
	c	6	68	52	380	0.022	-	-				
	d	4	45	50	320	0.020	-	-				
	e	2	23	48	260	0.019	-	-				
P1-3	a	2	23	48	260	0.019	-	-	0.5	1	2.5	3
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
P1-4	a	0	0	64	770	0.030	-	-	0.5	1	2.5	3
	b	0	0	40	0	0.013	-	-				
	c	2	23	54	450	0.023	-	-				
	d	0	0	56	510	0.024	-	-				
	e	0	0	28	0	0.013	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD/GF DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA PIT #2 IN Y1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
P2-5	a	8	90	78	1200	0.040	-	-				
	b	12	136	80	1300	0.042	-	-	0.5	1	2.5	3
	c	2	23	68	900	0.033	-	-				
	d	8	90	66	830	0.032	-	-				
	e	8	90	64	770	0.030	-	-				
P2-6	a	6	68	78	1200	0.040	-	-				
	b	4	45	56	510	0.024	-	-				
	c	10	110	70	960	0.037	-	-	0	0	1.0	0
	d	6	68	56	510	0.024	-	-				
	e	6	68	66	830	0.032	-	-				
P2-7	a	10	110	90	1600	0.049	-	-	0	0	2.5	3
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
P2-8	a	2	23	46	190	0.017	-	-				
	b	2	23	68	900	0.033	-	-				
	c	12	136	50	320	0.020	-	-	0	0	3.0	4
	d	8	90	50	320	0.020	-	-				
	e	10	110	60	640	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD/GF DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA PIT #3 IN Y1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
P3-9	a	40	452	86	1500	0.046	-	-				
	b	2	23	68	900	0.033	-	-				
	c	52	588	142	3300	0.086	-	-	0.5	1	4.0	5
	d	20	226	80	1300	0.042	-	-				
	e	48	542	96	1800	0.053	-	-				
P3-10	a	8	90	118	2500	0.069	-	-	0.5	1	3.5	5
	b	22	249	88	1500	0.047	-	-				
	c	24	271	82	1300	0.043	-	-				
	d	16	181	68	900	0.033	-	-				
	e	22	249	100	1900	0.056	-	-				
P3-11	a	16	181	60	640	0.027	-	-				
	b	32	362	114	2400	0.066	-	-	2.5	7	3.5	5
	c						-	-				
	d						-	-				
	e						-	-				
P3-12	a	6	68	52	380	0.022	-	-				
	b	10	110	80	1300	0.042	-	-				
	c	20	226	70	960	0.034	-	-	0	0	1.0	0
	d	6	68	74	1100	0.037	-	-				
	e	4	45	50	320	0.020	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD/GF DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA PIT #4 IN Y1

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
P4-13	a	0	0	64	770	0.030	-	-				
	b	6	68	66	830	0.032	-	-	0	0	1.0	0
	c	4	45	50	320	0.020	-	-				
	d	0	0	66	830	0.032	-	-				
	e	4	45	68	900	0.033	-	-				
P4-14	a	0	0	74	1100	0.037	-	-				
	b	2	23	50	320	0.020	-	-				
	c	0	0	86	1500	0.046	-	-				
	d	0	0	58	580	0.026	-	-				
	e	0	0	98	1900	0.054	-	-	0	0	1.5	1
P4-15	a	4	45	72	1000	0.036	-	-				
	b	0	0	48	260	0.019	-	-				
	c	0	0	82	1300	0.043	-	-				
	d	0	0	46	190	0.017	-	-				
	e	6	68	76	1200	0.039	-	-	0	0	2.5	3
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD/GF DATE 12-8-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 11D-04A

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
A,63	a	2	23	54	450	0.023	-	-				
	b	4	45	68	890	0.033	-	-				
	c	10	113	76	1100	0.039	-	-	0	0	2.0	2
	d	4	45	74	1100	0.037	-	-				
	e	6	68	72	1000	0.036	-	-				
S4,1	a	0	0	60	640	0.027	-	-				
(ESG	b	6	68	52	380	0.022	-	-	1.0	2	4.0	5
	c	6	68	40	0	0.013	-	-				
	d	0	0	48	260	0.019	-	-				
	e	4	45	48	260	0.019	-	-				
A,66	a	2	23	66	830	0.032	-	-				
	b	4	45	46	190	0.017	-	-				
	c	12	136	58	570	0.026	-	-	0	0	2.5	3
	d	2	23	72	1000	0.036	-	-				
	e	4	45	62	700	0.029	-	-				
A,63	a	4	45	58	570	0.026	-	-				
	b	4	45	80	1300	0.042	-	-	0	0	2.0	2
	c	0	0	60	640	0.027	-	-				
	d	8	90	40	0	0.013	-	-				
	e	6	68	44	130	0.016	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) MD, GF DATE 12-16-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-A FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
14	a	0	0	52	380	0.022	-	-				
(ESG)	b	2	23	84	1400	0.044	-	-				
	c	0	0	58	580	0.026	-	-				
	d	2	23	74	1100	0.037	-	-				
	e	2	23	86	1500	0.046	-	-	0	0	2.0	2
V,3(IV)	a	0	0	74	1100	0.037	-	-				
	b	6	68	66	830	0.032	-	-				
	c	0	0	50	320	0.020	-	-				
	d	0	0	52	380	0.022	-	-				
	e	6	68	76	1200	0.039	-	-	0	0	2.0	2
V,3(VIII)	a	4	45	58	580	0.026	-	-				
	b	6	68	46	190	0.017	-	-				
	c	6	68	58	580	0.026	-	-				
	d	2	23	64	770	0.030	-	-				
	e	0	0	68	900	0.033	-	-	0	0	4.0	5
V,6(V)	a	6	68	52	380	0.022	-	-				
	b						-	-				
	c						-	-				
	d	0	0	64	770	0.030	-	-				
	e	6	68	80	1300	0.042	-	-	0	0	2.5	3

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION S' 'EY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-A FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
V,6(IX)	a	2	23	54	450	0.023	-	-				
	b	4	45	46	190	0.017	-	-				
	c	2	23	66	830	0.032	-	-				
	d	6	68	81	1300	0.042	-	-	0.5	1	6.5	10
	e	6	68	74	1100	0.037	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) DATE

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-A WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
U,0	a	0	0	42	64	0.014	-	-				
	b	0	0	34	0	0.013	-	-				
	c	0	0	50	320	0.020	-	-				
	d	4	45	36	0	0.013	-	-				
	e	12	136	22	0	0.013	-	-	0	0	3.0	4
U,3	a	4	45	44	130	0.016	-	-				
	b	4	45	36	0	0.013	-	-				
	c	8	90	44	130	0.016	-	-				
	d	6	68	44	130	0.016	-	-				
	e	16	181	42	64	0.014	-	-	0.5	1	4.0	5
U,6	a	6	68	60	640	0.027	-	-	0	0	5.5	8
	b	4	45	40	0	0.013	-	-				
	c	0	0	40	0	0.013	-	-				
	d	4	45	34	0	0.013	-	-				
	e	4	45	54	450	0.023	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, MD DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-A CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)		GAMMA (c)			ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
V,6 (VI)	a	4	45	36	0	0.013	-	-				
	b	2	23	40	0	0.013	-	-				
	c	2	23	50	320	0.020	-	-				
	d	8	90	46	190	0.017	-	-				
	e	12	136	30	0	0.013	-	-	0.5	1	4.0	5
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, MD DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
1,8 (ESG)	a	0	0	60	640	0.027	-	-				
	b	0	0	70	960	0.034	-	-				
	c	2	23	100	1900	0.056	-	-	0	0	4.5	6
	d	6	68	54	450	0.023	-	-				
	e	0	0	52	380	0.022	-	-				
3,10 (ESG)	a	4	45	68	900	0.033	-	-				
	b	2	23	74	1100	0.037	-	-	0	0	3.5	5
	c	0	0	72	1000	0.036	-	-				
	d	2	23	62	700	0.029	-	-				
	e	4	45	60	640	0.027	-	-				
V,3(II)	a	4	45	88	1500	0.047	-	-	0.5	1	2.5	5
	b	0	0	76	1200	0.039	-	-				
	c	4	45	76	1200	0.039	-	-				
	d	0	0	68	900	0.033	-	-				
	e	2	23	62	700	0.029	-	-				
V,6(III)	a	2	23	76	1200	0.039	-	-				
	b	6	68	90	1600	0.049	-	-	0	0	4.0	5
	c	0	0	62	700	0.029	-	-				
	d	10	113	64	770	0.030	-	-				
	e	2	23	74	1100	0.037	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B-FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears) ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
W,3(III)	a	4	45	76	1200	0.039	-	-				
	b	0	0	82	1300	0.043	-	-				
	c	2	23	60	640	0.027	-	-				
	d	2	23	86	1500	0.046	-	-	0	0	2.5	3
	e	4	45	50	320	0.020	-	-				
W,3(IV)	a	2	23	66	830	0.032	-	-				
	b	4	45	52	380	0.022	-	-				
	c	2	23	58	580	0.026	-	-				
	d	8	90	90	1600	0.049	-	-	0.5	1	3.0	4
	e	6	68	64	770	0.030	-	-				
W,3(VII)	a	0	0	68	900	0.033	-	-				
	b	0	0	80	1300	0.042	-	-	0	0	2.5	3
	c	6	68	66	830	0.032	-	-				
	d	0	0	56	510	0.024	-	-				
	e	0	0	54	450	0.023	-	-				
W,3(IX)	a	4	45	76	1200	0.039	-	-	1.0	2	5.5	8
	b	22	249	70	960	0.034	-	-				
	c	6	68	52	380	0.022	-	-				
	d	6	68	52	380	0.022	-	-				
	e	0	0	62	700	0.029	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B-FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
W,6(II)	a	6	68	58	580	0.026	-	-				
	b	4	45	78	1200	0.040	-	-				
	c	2	23	78	1200	0.040	-	-				
	d	2	23	56	510	0.024	-	-				
	e	8	90	50	320	0.020	-	-	0	0	1.0	0
W,6(VI)	a	0	0	76	1200	0.039	-	-				
	b	4	45	56	510	0.024	-	-				
	c	4	45	54	450	0.023	-	-				
	d	0	0	42	64	0.014	-	-				
	e	2	23	78	1200	0.040	-	-	0	0	1.5	2
W,6(VIII)	a	4	45	46	190	0.017	-	-				
	b						-	-				
	c						-	-				
	d	14	158	90	1600	0.049	-	-	0.5	1	5.5	8
	e	2	23	72	1000	0.036	-	-				
X,3(II)	a	2	23	74	1100	0.037	-	-				
	b	2	23	74	1100	0.037	-	-				
	c	0	0	84	1400	0.049	-	-				
	d	2	23	70	960	0.034	-	-				
	e	2	23	88	1500	0.047	-	-	0	0	4.5	6

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, MD, LH DATE 12-16-83, 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B-FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,3(IV)	a	0	0	92	1700	0.050	-	-				
	b	4	45	112	2300	0.064	-	-	0	0	2.5	3
	c	4	45	66	830	0.032	-	-				
	d	2	23	42	64	0.014	-	-				
	e	0	0	72	1000	0.036	-	-				
X,6(VIII)	a			100	1900	0.056	-	-				
	b			64	770	0.030	-	-				
	c	6	68	86	1500	0.046	-	-	0	0	5.0	7
	d	4	45	110	2200	0.063	-	-				
	e	2	23	82	1300	0.043	-	-				
X,3(VIII)	a	2	23	60	640	0.027	-	-				
	b	6	68	96	1800	0.053	-	-	0	0	2.0	2
	c	8	90	78	1200	0.040	-	-				
	d	2	23	64	770	0.030	-	-				
	e	8	90	70	960	0.034	-	-				
X,6(IV)	a	6	68	58	580	0.026	-	-				
	b						-	-				
	c						-	-				
	d	2	23	88	1500	0.047	-	-				
	e	6	68	76	1200	0.039	-	-	1.0	2	3.0	4

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B-FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
X,6(IV)	a	4	45	64	770	0.030	-	-				
	b	12	136	76	1200	0.039	-	-	0	0	1.0	0
	c	0	0	62	700	0.029	-	-				
	d	4	45	58	580	0.026	-	-				
	e	4	45	74	1100	0.037	-	-				
Y,3(I)	a			84	1400	0.044	-	-				
	b			70	960	0.034	-	-				
	c			76	1200	0.039	-	-				
	d			86	1500	0.046	-	-	0	0	4.0	5
	e			70	960	0.034	-	-				
Y,3(II)	a	2	23	72	1000	0.036	-	-				
	b	0	0	40	0	0.013	-	-				
	c	0	0	78	1200	0.040	-	-				
	d	0	0	88	1500	0.047	-	-	0	0	0.5	0
	e	6	68	84	1400	0.044	-	-				
Y,3(III)	a	4	45	72	1000	0.036	-	-				
	b			68	900	0.033	-	-				
	c			70	960	0.034	-	-				
	d	0	0	94	1700	0.052	-	-	0.5	1	2.5	3
	e			88	1500	0.047	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, MD, LH DATE 12-16-83, 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B-FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,3(IX)	a	2	23	94	1700	0.052	-	-				
	b	0	0	84	1400	0.044	-	-				
	c	2	23	56	510	0.024	-	-				
	d	0	0	96	1800	0.053	-	-	0	0	2.5	3
	e	0	0	76	1200	0.039	-	-				
Y,6(II)	a			72	1000	0.036	-	-				
	b						-	-				
	c						-	-				
	d			92	1700	0.050	-	-	0.5	1	2.0	2
	e			58	580	0.026	-	-				
Y,6(VI)	a			62	700	0.029	-	-				
	b			102	2000	0.057	-	-	0	0	2.0	2
	c			94	1700	0.052	-	-				
	d			76	1200	0.039	-	-				
	e			72	1000	0.036	-	-				
Y,6(VIII)	a			94	1700	0.052	-	-	1.5	4	7.5	12
	b						-	-				
	c						-	-				
	d			80	1300	0.042	-	-				
	e			60	640	0.027	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF, MD DATE 12-15-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131 B- WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
3,4 (ESG)	a	6	68	66	930	0.032	-	-	1.0	2	4.5	6
	b	2	23	40	0	0.013	-	-				
	c	0	0	50	320	0.020	-	-				
	d	2	23	66	830	0.032	-	-				
	e	2	23	30	0		-	-				
V,0	a	8	90	38	0		-	-	0	0	2.5	3
	b	2	23	46	190	0.017	-	-				
	c	2	23	28	0		-	-				
	d	0	0	40	0	0.013	-	-				
	e	4	45	34	0		-	-				
Y,3	a	2	23	56	510	0.024	-	-				
	b	2	23	84	1400	0.044	-	-				
	c	6	68	78	1200	0.040	-	-	0	0	2.0	2
	d	0	0	80	1300	0.042	-	-				
	e	4	45	76	1200	0.039	-	-				
Y,3	a	4	45	62	700	0.029	-	-				
	b	0	0	54	450	0.023	-	-				
	c	2	23	82	1300	0.043	-	-				
	d	6	68	90	1600	0.049	-	-	0	0	1.0	0
	e	2	23	54	450	0.023	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, MD DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-B CEILING

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS: ALPHA(a) c/m	ALPHA(a) d/m/100cm²	BETA (b) c/m	BETA (b) d/m/100cm²	BETA (b) mrad/hr	GAMMA (c) c/m	GAMMA (c) µR/h @ 1 meter	REMOVABLE CONTAMINATION (Smears): ALPHA (d) c/m	ALPHA (d) d/m/100cm²	BETA-GAMMA (e) c/m	BETA-GAMMA (e) d/m/100cm²
1,11 (ESG)	a	4	45	52	380	0.022	-	-				
	b	0	0	48	260	0.019	-	-				
	c	2	23	44	130	0.016	-	-				
	d	4	45	44	130	0.016	-	-				
	e	8	90	60	640	0.027	-	-	0.5	1	3.0	4
4,5 (ESG)	a	6	68	62	700	0.029	-	-	0	0	1.5	1
	b	6	68	34	0		-	-				
	c	2	23	46	190	0.017	-	-				
	d	4	45	38	0		-	-				
	e	4	45	40	0	0.013	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GF, MD DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-C FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm
Y,3 (iii)	a	2	23	84	1400	0.044	-	-				
	b	2	23	94	1700	0.052	-	-				
	c	4	45	102	2000	0.057	-	-	0	0	4.0	5
	d	0	0	66	830	0.032	-	-				
	e	6	68	86	1500	0.046	-	-				
Z,3 (ii)	a	4	45	86	1500	0.046	-	-	0	0	10.5	18
	b	0	0	84	1400	0.044	-	-				
	c	6	68	62	700	0.029	-	-				
	d	6	68	82	1300	0.043	-	-				
	e	8	90	76	1200	0.039	-	-				
Z,3 (iv)	a	0	0	81	1300	0.042	-	-				
	b	4	45	62	700	0.029	-	-				
	c	4	45	100	1900	0.056	-	-	0.5	1	3.0	4
	d	0	0	100	1900	0.056	-	-				
	e	2	23	76	1200	0.039	-	-				
Z,3 (vi)	a	0	0	98	1900	0.054	-	-	0	0	3.5	5
	b	4	45	64	770	0.030	-	-				
	c	0	0	58	580	0.026	-	-				
	d	2	23	54	450	0.023	-	-				
	e	4	45	81	1300	0.042	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF DATE 12-15-83

FACILITY ESG - Phase III ROOM/ AREA 131-C FLOOR

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Z,3 (viii)	a	2	23	70	960	0.034	-	-				
	b	6	68	90	1600	0.049	-	-				
	c	4	45	96	1800	0.053	-	-	1.0	2	4.5	6
	d	6	68	68	900	0.033	-	-				
	e	2	23	66	830	0.032	-	-				
Z,6 (iii)	a	4	45	68	900	0.033	-	-				
	b	2	23	80	1300	0.042	-	-				
	c	6	68	64	770	0.030	-	-				
	d	6	68	96	1800	0.053	-	-	0.5	1	2.5	3
	e	4	45	78	1200	0.040	-	-				
Z,6 (v)	a	2	23	72	1000	0.036	-	-				
	b	—	—	—	—	—	-	-				
	c	—	—	—	—	—	-	-				
	d	6	68	70	960	0.034	-	-	0	0	4.0	5
	e	0	0	92	1700	0.050	-	-				
Z,6 (ix)	a	2	23	82	1300	0.043	-	-				
	b	2	23	56	510	0.024	-	-				
	c	2	23	66	830	0.032	-	-				
	d	4	45	70	960	0.034	-	-	0.5	1	4.0	5
	e	2	23	82	1300	0.043	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) LH, GF, MD DATE 12-15-83, 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 131-C WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
3,4 (ESG)	a	6	68	102	2000	0.057	-	-	0	0	2.5	3
	b	6	68	84	1400	0.044	-	-				
	c	0	0	88	1500	0.047	-	-				
	d	2	23	88	1500	0.047	-	-				
	e	2	23	84	1400	0.044	-	-				
Z,3	a	2	23	74	1100	0.037	-	-				
	b	2	23	104	2000	0.059	-	-	0	0	2.5	3
	c	0	0	94	1700	0.052	-	-				
	d	6	68	80	1300	0.042	-	-				
	e	2	23	102	2000	0.057	-	-				
Z,3	a	6	68	56	510	0.024	-	-				
	b	4	45	72	1000	0.036	-	-				
	c	4	45	94	1700	0.052	-	-	0	0	3.5	5
	d	6	68	72	1000	0.036	-	-				
	e	2	23	90	1600	0.049	-	-				
Y,0	a	2	23	92	1700	0.050	-	-				
	b	6	68	94	1700	0.052	-	-	0	0	1.5	1
	c	0	0	88	1500	0.047	-	-				
	d	4	45	90	1600	0.049	-	-				
	e	0	0	70	960	0.034	-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GE, MD DATE 12-16-83

CONTAMINATION SURVEY SUMMARY

FACILITY ESG - Phase III ROOM/ AREA 131-C WALL

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm²	c/m	d/m/100cm²	mrad/hr	c/m	µR/h @ 1 meter	c/m	d/m/100cm²	c/m	d/m/100cm²
Y,3	a	2	23	88	1500	0.047	-	-				
	b	0	0	52	380	0.022	-	-				
	c	4	45	66	830	0.032	-	-				
	d	2	23	88	1500	0.047	-	-				
	e	8	90	70	960	0.034	-	-	0	0	0.5	0
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

SURVEYOR (s) GE, MD DATE 12-16-83

FACILITY ESG - Phase III ROOM/ AREA 131-C CELLN.

GRID BLOCK	POINT	DIRECT PROBE MEASUREMENTS							REMOVABLE CONTAMINATION (Smears)			
		ALPHA(a)		BETA (b)			GAMMA (c)		ALPHA (d)		BETA-GAMMA (e)	
		c/m	d/m/100cm^2	c/m	d/m/100cm^2	mrad/hr	c/m	uR/h @ 1 meter	c/m	d/m/100cm^2	c/m	d/m/100cm^2
Z,3 (iii)	a	6	68	38	0	0.013	-	-	0	0	1.5	1
	b	2	23	48	260	0.019	-	-				
	c	4	45	42	69	0.014	-	-				
	d	2	23	56	510	0.024	-	-				
	e	2	23	56	510	0.024	-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				
	a						-	-				
	b						-	-				
	c						-	-				
	d						-	-				
	e						-	-				

INSTRUMENTS USED (a) PRS-1 + ZnS (b) PRS-1 + GM (c) PRM-6 + NaI (d) LB5100 (e) LB5100

BACKGROUND (a) @ 1 c/m (b) @ 40 c/m (c) @ 3,000 c/m (d) @ 0.15 c/m (e) @ 1.2 c/m

REMARKS

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