

**Department of Energy**  
West Valley Demonstration Project  
10282 Rock Springs Road  
West Valley, NY 14171-9799

November 19, 2015

Mr. Jeffrey D. Bradford  
President & General Manager  
CH2M HILL BWXT, LLC  
West Valley Demonstration Project  
10282 Rock Springs Road  
West Valley, NY 14171-9799

ATTENTION: J. D. Rendall, Regulatory Strategy & Engineering Manager, AC-EA

SUBJECT: Environmental Checklist WVDP-2015-03, "Installation of Office Trailers, Modular Units, and Miscellaneous Support Structures"

REFERENCE: Letter WD:2015:0052 (365068), D. W. Coyne to R. W. Reffner, "Contract No. DE-EM0001529, Section J-3, Item 105, NEPA Documentation Transmittal of Environmental Checklist WVDP-2015-02, 'Site-Wide Routine Maintenance Activities, 2015 Update,'" dated February 5, 2015

Dear Mr. Bradford:

I have reviewed the subject Environmental Checklist and agree that the actions described therein are categorically excluded per Title 10, Code of Federal Regulations (CFR) Part 1021, as amended, Subpart D, Appendix B, B1.15 "Support buildings," B1.22 "Relocation of buildings," B1.23 "Demolition and disposal of buildings," and B1.24 "Property transfers" as detailed in the attachment to the Environmental Checklist. Enclosed is a signed Environmental Checklist form to that effect.

The contents of this correspondence are not intended to impact or modify contract scope and/or cost. If you have any questions, please contact me on Extension 4007.

Sincerely,

Martin P. Krentz  
National Environmental Policy Act Compliance Officer  
West Valley Demonstration Project

Enclosure: Signed Environmental Checklist

cc: C. A. Biedermann, CHBWV, AC-EA, w/enc.  
J. J. Hoch, CHBWV, WV-PL6, w/enc.  
C. M. Bohan, DOE-WVDP, AC-DOE, w/enc.  
M. P. Krentz, DOE-WVDP, AC-DOE, w/enc.  
M. N. Maloney, DOE-WVDP, AC-DOE, w/enc.

MPK:366737 - 451.4



**Attachment**  
**Environmental Checklist WVDP-2015-03**  
**Installation of Office Trailers, Modular Units, and Miscellaneous Support Structures**

**Department of Energy  
West Valley Demonstration Project (DOE-WVDP)**

**ENVIRONMENTAL CHECKLIST**

|   |                                      |                  |                                |
|---|--------------------------------------|------------------|--------------------------------|
| <b>Project/Activity Title:</b> Installation of Office Trailers, Modular Units, and Miscellaneous Support Structures | <b>NEPA ID Number:</b> WVDP-2015-03, | <b>Rev. #:</b> 0 | <b>Date:</b> November 12, 2015 |
| <b>Contractor Project Manager:</b><br>Jeffrey D. Bradford   | <b>Phone Number:</b><br>716-942-4606 |                  |                                |
| <b>Contractor NEPA Coordinator:</b><br>Charles a. Biedermann  | <b>Phone Number:</b><br>716-942-4333 |                  |                                |
| <b>DOE-WVDP NEPA Document Manager:</b><br>Martin P. Krentz  | <b>Phone Number:</b><br>716-942-4007 |                  |                                |

**A. BRIEF PROJECT/ACTIVITY DESCRIPTION:** Attach a detailed description or statement of work.

**B. SOURCES OF IMPACT:** Would the action involve, generate, or result in changes to any of the following:

|                            | YES | NO |  | YES | NO |
|----------------------------|-----|----|--|-----|----|
| 1. Air Emissions           | X   |    | 12. Water Use/Diversion                | X   |    |
| 2. Liquid Effluents        | X   |    | 13. Water Treatment                    | X   |    |
| 3. Solid Waste             | X   |    | 14. Water Course Modification          |     | X  |
| 4. Radioactive Waste/Soil  | X   |    | 15. Radiation/Toxic Chemical Exposures | X   |    |
| 5. Hazardous Waste         |     | X  | 16. Pesticide/Herbicide Use            |     | X  |
| 6. Mixed Waste             |     | X  | 17. High Energy Source/Explosives      |     | X  |
| 7. Chemical Storage/Use    |     | X  | 18. Transportation                     | X   |    |
| 8. Petroleum Storage/Use   | X   |    | 19. Noise Level                        | X   |    |
| 9. Asbestos                |     | X  | 20. Workforce Adjustment               |     | X  |
| 10. Utilities              | X   |    | 21. Other                              |     | X  |
| 11. Clearing or Excavation | X   |    |  |     |    |

In an attachment, qualify and explain each question that you have specifically answered "YES."

**C. CATEGORY EVALUATION CRITERIA:** Would the proposed action:

|   | YES | NO |
|---|-----|----|
| 1. Take place in an area of previous or ongoing disturbance?  | X   |    |
| 2. Create hazardous, radioactive, or mixed waste for which no disposal is available?  |     | X  |
| 3. Impact a RCRA-regulated unit or facility?  |     | X  |
| 4. Force a low income or ethnic minority population to shoulder a disproportionate share of the negative environmental impacts of pollution or environmental hazards because of a lack of political or economic strength?   |     | X  |
| 5. Involve air emissions and be located in an air pollutant non-attainment or maintenance area for any criteria pollutants?   |     | X  |
| 6. Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders (i.e., require any federal, state, or local permits, approvals, etc.)?   |     | X  |
| 7. Disturb hazardous substances, pollutants, or contaminants that pre-exist in the environment such that there would be uncontrolled or unpermitted releases?   |     | X  |
| 8. Require siting, construction, or major expansion of a waste storage, disposal recovery, or treatment facilities, but may include such categorically-excluded facilities?   |     | X  |
| 9. Adversely affect environmentally sensitive resources including, but not limited to: structures of archeological, historic or architectural significance; threatened or endangered species or their habitat; floodplains or wetlands; wildlife refuges, agricultural lands or vital water resources (e.g., sole-source aquifers)? |     | X  |
| 10. Involve extraordinary circumstances?  |     | X  |
| 11. Be "connected" to other actions with potentially significant impacts, related to other proposed actions with cumulatively significant impacts, and precluded by 40 CFR § 1506.1 or 10 CFR § 1021.211?   |     | X  |

In an attachment, qualify and explain each question that you have specifically answered "YES."

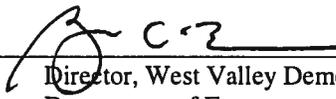
Department of Energy  
West Valley Demonstration Project (DOE-WVDP)

ENVIRONMENTAL CHECKLIST

D. RECOMMENDATION AND DETERMINATION:

**DOE-WVDP Director's Recommendation:** I find and recommend that this proposed action meets the criteria specified in 10 CFR Part 1021, Subpart D, and/or DOE Policy and Guidance for the following:

- Categorical Exclusions (Appendix B, Class of Action B1.15, B1.22, B1.23, and B1.24)
- Actions Within the Scope of Existing NEPA Documentation NEPA Document ID Number \_\_\_\_\_)
- Ongoing Operations (Standard Operating Procedure OH-6.1.01, Rev. 1, Section 5.2)

Signature: \_\_\_\_\_ Date 11-19-2015  
  
Director, West Valley Demonstration Project (WVDP),  
Department of Energy

**DOE-WVDP NEPA Compliance Officer's Determination:** Based on my review of the attached information concerning this proposed action, as the WVDP NEPA Compliance Officer (DOE Order 451.1B, Section 5.d.), I have determined that the proposed action fits within the specified class of actions, that the other regulatory requirements identified in Section C are met, and that this proposed action proceed without further NEPA review.

Signature: \_\_\_\_\_ Date 11/17/15  
  
DOE-WVDP NEPA Compliance Officer,  
West Valley Demonstration Project

**OR**

- Environmental Assessments (Appendix C, Class of Action \_\_\_\_\_; or Action not listed in Subpart D)
- Environmental Impact Statements (Appendix D, Class of Action \_\_\_\_\_)
- Interim Actions (40 CFR Part 1506.1 and 10 CFR Part 1021.211)
- Integrated Documentation for CERCLA/RCRA Actions
- Variances (Emergency Action, 40 CFR Part 1506.11 and 10 CFR Part 1021.343)

**DOE-WVDP NEPA Compliance Officer's Concurrence:** I concur with the recommendation that this proposed action fits within the specified class of actions.

Signature: \_\_\_\_\_ Date \_\_\_\_\_  
DOE-WVDP NEPA Compliance Officer,  
West Valley Demonstration Project

**DOE-WVDP Manager's Determination:** Based on my review of the attached information concerning this proposed action, as the Director of the West Valley Demonstration Project (DOE Order 451.1B, Section 5.a.), I have determined that the level of documentation recommended for the proposed action is appropriate.

Signature: \_\_\_\_\_ Date \_\_\_\_\_  
Director, West Valley Demonstration Project (WVDP),  
Department of Energy

**ATTACHMENT to  
Environmental Checklist WVDP-2015-03**

## Attachment to Environmental Checklist WVDP-2015-03

### Installation of Office Trailers, Modular Units, and Miscellaneous Support Structures

#### BACKGROUND

From 1966 to 1972, Nuclear Fuel Services, Inc. (NFS) operated a nuclear fuel reprocessing plant at the Western New York Nuclear Service Center (WNYNSC) near West Valley, New York (Figure 1). The plant reclaimed uranium and plutonium from spent nuclear fuel. After operating the fuel reprocessing facility for six years, NFS halted operations to make modifications to increase the plant's reprocessing capacity, reduce worker doses, and reduce radioactive effluents. During this period, new regulatory requirements were issued related to earthquake and tornado protection, and waste management requirements. NFS concluded that it would not be economically viable to continue the reprocessing operation at West Valley. In 1976, NFS informed New York State that it was withdrawing from the reprocessing business and intended to turn the West Valley facility and the two disposal areas over to New York State.

At that time, the reprocessing facility contained 750 spent fuel assemblies that had not been reprocessed, 600,000 gallons of liquid High Level Radioactive Waste (HLW) stored in two steel tanks, the highly contaminated Main Plant Process Building, and almost three million cubic feet of radioactive waste buried in the two disposal areas. In 1980, Congress passed the *West Valley Demonstration Project (WVDP) Act* (Public Law 96- 368), which directed the U. S. Department of Energy (DOE) to do the following: (1) solidify the HLW at the WNYNSC in a form suitable for transportation and disposal; (2) develop containers for the HLW that are suitable for permanent disposal; (3) transport the solidified HLW, in accordance with applicable provisions of law, to an appropriate Federal repository for permanent disposal; (4) in accordance with applicable licensing requirements, dispose of low-level radioactive waste (LLW) and transuranic (TRU) waste produced as a result of solidifying the HLW; and (5) decontaminate and decommission: (a) the tanks and other facilities of the WNYNSC in which the HLW solidified under the Project is stored; (b) the facilities used in the solidification of the waste; and (c) any material and hardware used in connection with the Project, in accordance with requirements that the U.S. Nuclear Regulatory Commission (NRC) prescribes.

In 1982, a Final Environmental Impact Statement (EIS) (DOE/EIS-0081) and associated Record of Decision (ROD) were issued for the actions that DOE proposed to satisfy the first two requirements of the WVDP Act. During the initial phase of work performed under EIS-0081, which was completed in September 2002, the HLW was immobilized in borosilicate glass through vitrification. The canisters of immobilized HLW are stored on-site in the High Level Waste Interim Storage Facility (the former Chemical Process Cell) and are being relocated to the HLW Canister Interim Storage System for temporary storage until DOE authorizes their removal. In 1993 and 1998, the DOE prepared Supplement Analyses (DOE-EIS-025 and WVDP-321, respectively) of the 1982 Final EIS to re-examine on-going HLW solidification activities as well as other refinements to the actions originally evaluated in the EIS. As a result of both analyses, DOE concluded that no environmentally relevant or substantial changes in Project scope had occurred, that no new circumstances or relevant information existed, and that the environmental analyses performed for the 1982 EIS were still valid.

After solidification of liquid and sludge was completed in September 2002, the WVDP shifted its attention and resources to the remaining requirements of the WVDP Act, waste disposal and facility decontamination and decommissioning. To facilitate these activities, in 2006, DOE prepared the *Environmental Assessment for the Decontamination, Demolition, and Removal of Certain Facilities at the West Valley Demonstration Project*. A Finding of No Significant Impact for these actions was subsequently made. Additionally, two EISs were prepared to review alternatives for completion of these requirements: *WVDP Waste Management* EIS (DOE/EIS-0337-F) completed in 2003 and ROD issued in 2005 and the *Decommissioning and/or Long-Term Stewardship* EIS (DOE/EIS-0226) completed in 2010 and ROD issued in 2010. The "Preferred Alternative" to be implemented as a result of the Decommissioning and/or Long-Term Stewardship final EIS (DOE/EIS-0226) employs a two phased approach to decommissioning the site. The first Phase (Phase 1) involves the decommissioning of most site facilities, including demolition of the Main Plant Process Building and Vitrification Facility and studies undertaken to reduce uncertainties associated with decommissioning the remaining facilities. The second phase (Phase 2) completes the decommissioning and/or long term management decision making for the site. CH2M HILL BWXT West Valley, LLC (CHBWV) has been awarded the DOE Contract (No. DE-EM0001529) for the initial activities under the "WVDP Phase 1 Decommissioning-Facilities Disposition" Project. The scope of this contract generally includes the facility disposition portion of the work that constitutes Phase 1. CHBWV's objective is to safely deliver a reliable, cost-effective, and accelerated completion of these WVDP Phase I Decommissioning-Facilities Disposition Project activities, as described in the Contract.

The WNYNSC and all the structures therein, including the area being utilized to conduct the WVDP (Figures 1 and 2), are the property of the State of New York and are managed by the New York State Energy Research and Development Authority (NYSERDA). The Cooperative Agreement between NYSERDA and DOE, Article IV, Section 4.08, *Operation, Maintenance and Repair*, states:

"The Department shall operate and maintain the Project Premises, Project Facilities and such Additional Facilities that it uses in carrying out the Project and as may be necessary or appropriate to carry out the Project in a manner which protects public health and safety and complies with the provisions of this Agreement. As used in this Section, the term 'maintain' shall include, but not be limited to, the obligation to make all necessary and appropriate repairs, changes, alterations, and additions thereto or replacements thereof, interior and exterior, structural and non-structural, ordinary and extraordinary, foreseen and unforeseen."

#### **A. BRIEF PROJECT/ACTIVITY DESCRIPTION:**

##### **A. 1 Purpose, and Need; Installation of Office Trailers, Modular Units, and Miscellaneous Support Structures:**

The scope of this action covers necessary additions to existing (or future) West Valley Demonstration Project (WVDP) infrastructure, personnel housing, equipment and material storage, and support operations. To support the requirements of the CHBWV Prime Contract #DE-EM0001529, certain facilities are to be demolished or made demolition ready. To meet this need, occupants of certain buildings need to be relocated, and supporting facilities such as the

Administration Building must be replaced with temporary office trailers, modular units, and associated support structures.

The **purpose** of this action, the “Installation of Office Trailers, Modular Units, and Miscellaneous Support Structures” is to provide the infrastructure necessary to support the relocation of existing personnel required for existing project decommissioning and demolition work.

This action generally includes, but is not limited to, placement of newer rented units and removal of older units including:

- office trailer units;
- ground level office units;
- speed space units;
- Conex storage container units;
- pre-fabricated or modular units;
- self-contained lavatory units; and
- modular shower, lavatory, and locker room units.

This action also includes demolition, disposal, removal, relocation or transfer of said units.

These units would require utility services including electrical power, natural gas or propane, potable water, sanitary sewer connections, telephone, and computer system services, based on the intended function of the unit.

Figure 3 depicts the proposed location for two office trailer and support structure locations. Additional or alternative locations may be selected depending on operational needs. If needed, asphalt walkways may be constructed in some areas to provide safe access and egress for pedestrians.

In general the units to be provided are used, rented construction trailer units with no existing radiological (or other) hazards present. The units would be transported to the site and installed by subcontractors who are required to comply with WVDP procedures and safety requirements. Although these units are to be located in areas with no existing surficial radiological soil contamination (initial proposed locations include the north parking lot and the previous Test and Storage Building area as depicted in Figure 3), alternative locations may be selected depending on operational needs. Typical WVDP radiological precautions will be exercised (e.g., the Radiation Controls Department will survey any required excavation). Other occupational safety precautions will also be observed. This would all be carried out under approved WVDP procedures. Some excavation may occur as part of this action, including in some areas where the rented trailers or modular units associated utilities are to be placed. An indeterminate amount of soil will need to be excavated. The preferred mode of operation, will be to use clean fill to build up versus excavating down. Although not expected for excavations, in those areas where radiologically contaminated soil is encountered, it will be replaced with uncontaminated backfill.

The **need** is for DOE to continue to fulfill its obligations under the WVDP Act to manage and mitigate health, safety and environmental risk associated with the WVDP, pending decision making on Phase 2 project decommissioning, which will be evaluated in a supplemental EIS.

## A.2 Schedule and Timing

Construction is to begin during calendar year 2015. Other activities under this action will occur as required to support infrastructure development/relocation needs.

## B. SOURCES OF IMPACT

1. **Air Emissions:** Radioactive air emissions at DOE facilities are regulated in New York State by the Environmental Protection Agency (EPA) pursuant to 40 Code of Federal Regulations (CFR) Part 61, "National Emission Standards for Hazardous Air Pollutants" (NESHAP), Subpart H. Similarly, nonradioactive emissions are regulated by the New York State Department of Environmental Conservation (NYSDEC) pursuant to Title 6 of the New York Compilation of Codes Rules and Regulations (NYCRR) Part 201.

The need for a permit or permit modification to address radiological air emissions from this action is not anticipated.

The operation of diesel-powered excavation and grading vehicles, such as backhoes and dump trucks would generate minor carbon monoxide and carbon dioxide emissions during the placement of new units. It is not anticipated that any non-radiological air emission permits would be required for these sources.

Provision of electrical power to some units may require the installation and use of portable generators up to 500 kw in capacity. If portable generators are required their use would be evaluated, and New York State permitting requirements for non-radiological air emissions would be satisfied.

2. **Liquid Effluents:** If storm water control is needed during construction activities, it is anticipated that this activity would be adequately covered under the storm water aspects of the WVDP's existing (NYSDEC regulated) State Pollutant Discharge Elimination System (SPDES) permit. It is not anticipated that any changes would need to be made to the site's SPDES permit for this activity.

Should this project generate any additional wastewaters, the wastes would be managed in accordance with Standard Operating Procedure (SOP) 300-15, "Disposition of Liquid Waste to the Interceptor," and properly disposed of through existing WVDP systems and NYSDEC regulations for SPDES discharges. Sanitary wastes associated with the aforementioned self-contained lavatory units would be collected and disposed of using an outsourced licensed waste handler.

3. **Solid Waste:** Solid waste anticipated as a result of the proposed action would consist of construction debris (e.g., concrete, metal, wood, plastic, and paper). These wastes would be managed for disposal, as specified in SOP 009-12, *Solid Waste Management and Material Reuse and Recycling*. If needed during installation, cast concrete foundation "concrete wash" might be produced, requiring proper on-site disposal by containment, evaluation/analysis, and disposition through industrial wastewater discharges (i.e., the Interceptors) or through a subcontracted waste hauler.

4. **Radioactive Waste/Soil:** Although not anticipated, radioactively contaminated soil may be encountered during construction or demolition/removal activities. Site policies and procedures,

such as the *WVDP Radiological Controls Manual* (WVDP-010), would be followed to address the monitoring, identification, control and containment of radioactively contaminated soil.

Radioactive waste may be generated as a result of this activity and might include: contaminated soil, anti-Cs, gloves, wipes, and swipes. Radioactive waste generated as a result of these activities would be packaged and managed in accordance with SOP 300-07, *Waste Generation, Packaging, and On-Site Transportation*. Waste minimization techniques would be employed including only taking the minimum required into contaminated areas. The collection and management of spilled waste would be handled in accordance with existing site procedures.

5. **Hazardous Waste:** N/A
6. **Mixed Waste:** N/A
7. **Chemical Storage/Use:** N/A
8. **Petroleum Storage/Use:** Only small quantities of petroleum products would be used associated with construction equipment executing the scope of work. Existing site policies and procedures controlling the use of such equipment would be in effect. Any above ground tankage would be double contained.
9. **Asbestos:** N/A
10. **Utilities:** Prior to dismantling, segmenting components, or digging, utilities (e.g., sources of water, electric power, communications systems) would be disconnected to ensure the safety of personnel involved in accordance with the Lock Tag and Confirm Procedure (SOP 000-04). Existing utility lines would be extended to new or relocated units as needed to provide electric power, water, natural gas, and communications systems, as needed. Utilities to existing components that will be decommissioned and removed would be isolated, locked and tagged out, disconnected and removed. As much as possible, energy efficient or efficiency gaining devices (e.g., programmable thermometers, Energy Star appliances) will be used.
11. **Clearing and Excavation:** Although all proposed parts of this action are to occur in areas of no suspected surficial soil contamination, excavation of potentially contaminated material is possible in some areas of the site. Radiologically clean borrow material from an existing source or purchased locally will be used for backfill. Excavations associated with this action would be performed with the appropriate excavation equipment and in compliance with the health and safety and radiation control procedures and plans. Controlled staging would be established for excavated material and excavated environmental media would be managed in accordance with the DOE-WVDP and CHBWV Environmental Media Policies, if applicable.
12. **Water Use/ Diversion:** Water would be obtained from existing site utility water distribution systems. Potable water supplies would be extended where necessary in accordance with New York State Department of Health and Cattaraugus County Health Department requirements.
13. **Water Treatment:** Potable water would be supplied from the existing WVDP groundwater wells, which is treated prior to distribution. Testing of new connections in

accordance with Cattaraugus County Health Department requirements would be performed before the system is put into use. Wastewater including sanitary wastewater from lavatories and the nurses' station would be collected and either discharged to existing SPDES permitted treatment systems or collected and transported to an authorized publically owned treatment plant (such as the Buffalo Sewer Authority or the Gowanda sewage treatment plant) by an authorized waste hauler.

14. **Water Course Modification:** N/A
15. **Radiological/Toxic Chemical Exposure:** If radiological contamination is encountered during installation or removal of the proposed units of the existing office trailers, modular units, and miscellaneous support structures, personnel exposures would be maintained as low as reasonably achievable and in compliance with the *WVDP Radiological Controls Manual*, WVDP-010. Chemical exposure to site personnel is assessed and monitored in accordance with the WVDP Industrial Hygiene and Safety procedures.
16. **Pesticide/Herbicide Use:** N/A
17. **High Energy Source/Explosion:** N/A
18. **Transportation:** Office Trailers, modular units, and support structures will be transported to and staged at the WVDP site by the subcontractor. The subcontractor will be directed to follow all Department of Transportation and local transportation regulations and requirements for relocation of the used equipment and facilities to the WVDP. No off-site shipments are anticipated specific to the proposed installation project except for demobilization of subcontractor equipment. Existing used trailers, modular units, and structures will either be returned to the vendor from which they were rented or disposed of as waste in accordance with existing WVDP procedures and policies. Where feasible, wastes will be sent to recycle/reclamation facilities. All shipments will comply with Department of Transportation and local over the road transportation requirements.
19. **Noise Level:** There may be an increase in noise levels typical of construction equipment (e.g., excavators, trucks, etc.). Noise levels are not anticipated to exceed 97 dB A. Applicable federal and state regulations, and DOE Orders, as implemented by contractor safety procedures would be observed during the work.
20. **Workforce Adjustment:** N/A
21. **Other:** N/A

#### C. CATEGORY EVALUATION CRITERIA

1. **Take place in an area of previous or on-going disturbance?** Yes, the proposed action would take place in areas of previous or on-going disturbances.
2. **Create hazardous, radioactive or mixed waste for which no disposal is available?** No.
3. **Impact a RCRA-regulated unit or facility?** No.
4. **Force a low income or ethnic minority population to shoulder a disproportionate share of the negative environmental impacts?** No.

5. **Involve air emissions and be located in an air pollutant non-attainment or maintenance area for any criteria pollutants? No.**
6. **Threaten a violation of applicable statutory, regulatory, or permit or requirements for environment, safety, and health, including DOE and/or Executive Orders? No.**
7. **Disturb hazardous substances, pollutants or contaminants that pre-exist in the environment such that there would be uncontrolled or unpermitted releases? No.**
8. **Require siting, construction, or major expansion of a waste storage, disposal, recovery, or treatment facilities, but may include such categorically-excluded facilities? No.**
9. **Adversely affect environmentally sensitive resources? No.**
10. **Involve extraordinary circumstances? No.**
11. **Be “connected” to other actions with potentially significant impacts, related to other proposed actions with cumulatively significant impacts, and precluded by 40 CFR Part 1506.1 or 10 CFR Part 1021.211? No.**

### **C. RECOMMENDATION AND DETERMINATION**

A Categorical Exclusion (CX) is recommended for the proposed action. A CX should be granted on the basis that the proposed action is within the scope of Title 10, CFR Part 1021, as amended, Subpart D:

Appendix B 1.15, “Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small scale fabrication (such as machine shop activities), assembly and testing of non-nuclear equipment or components, and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities . . .”

Appendix B1.22; “Relocation of buildings (including, but not limited to, trailers and prefabricated buildings) to an already developed area (where active utilities and currently used roads are readily accessible).”

Appendix B1.23; “Demolition and subsequent disposal of buildings, equipment, and support structures (including but not limited to smoke stacks and parking lot surfaces, provided that there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health of the environment.”

Appendix B1.24; “Transfer, lease, disposition, or acquisition of interests in personal property (including, but not limited to, equipment and materials) or real property (including, but not limited to, permanent structures and land), provided that under reasonably foreseeable uses (1) there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health or the environment and (2) the covered actions would not have the potential to cause a significant change in impacts from before the transfer, lease, disposition, or acquisition of interests.”

The proposed action falls within the scope and intent of the categorical exclusions identified above. In addition, the proposed action satisfies the general requirements for a categorical exclusion. There are no extraordinary circumstances related to the proposed action that would affect the significance of the action, and the action is not “connected” to other actions with potentially or cumulatively significant impacts (40CFR Part 1508.25(a)(1) and (2), respectively).

Moreover, the proposed action meets the eligibility criteria for application of a categorical exclusion in that the action would not: 1) threaten a violation of applicable statutory, regulatory or permit requirements for environmental, safety, and health, including all requirements of DOE Orders; 2) require siting or construction of waste storage, disposal, recovery, or treatment facilities; 3) adversely affect environmentally sensitive resources; and 4) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases.

## REFERENCES AND SUPPORTING DOCUMENTS

CH2M Hill BWXT West Valley, LLC, *WVDP Radiological Controls Manual*, WVDP-010, revision 37 (or latest revision).

\_\_\_\_\_. *Management of Environmental Media*, WV-939, Revision 5 (or latest revision).

\_\_\_\_\_. *Clean Water Act/State Pollutant Discharge Elimination System Best Management Practices and Storm Water Pollution Prevention Plan for the West Valley Demonstration Project*, WVDP-206, revision 9 (or latest revision).

\_\_\_\_\_. *Waste Generation, Packaging, and On-Site Transportation*, SOP 300-07, revision 67 (or latest revision).

\_\_\_\_\_. *Disposition of Liquid Waste to the Interceptor*, SOP 300-15, revision 10, (or latest revision).

\_\_\_\_\_. *Solid Waste Management and Material Reuse and Recycling*, SOP 009-12, revision 10 (or latest revision).

New York State Department of Environmental Conservation, *State Pollutant Discharge Elimination System (SPDES) Permit, West Valley Demonstration Project DE6'#9-0422-00005/00006 SPDES#: NY0000973*, July 2015.

URS Washington Division, *Western New York Nuclear Service Center Phased Decision Making Alternative Technical Report*, Revision 1, WSMS-WV-08-005, December 2009.

U.S. Congress, *Clean Air Act*, as amended, 42 U.S.C. 7401 *et seq.*, 1970.

\_\_\_\_\_. *Clean Water Act*, as amended, 33 U.S.C. 1251 *et seq.* 1972.

\_\_\_\_\_. *Public Law 96-368 West Valley Demonstration Project Act*, (S.2443), October 1, 1980.

U.S. Department of Energy, *Final Environmental Impact Statement: Long-Term Management of Liquid High-Level Radioactive Wastes Stored at the Western New York Nuclear Services Center, West Valley*, DOE/EIS-0081, June 1982.

\_\_\_\_\_. *West Valley Demonstration Project Waste Management Activities - Record of Decision*, Federal Register, Vol. 70, No. 115, Notices, June 2005.

\_\_\_\_\_. *Record of Decision: Final Environmental Impact Statement for Decommissioning and/or Long Term Stewardship of the West Valley Demonstration Project and Western New York Nuclear Service Center*, April 2010.

\_\_\_\_\_. 10 CFR § 1021, *National Environmental Policy Act Implementing Procedures*, November 2011.

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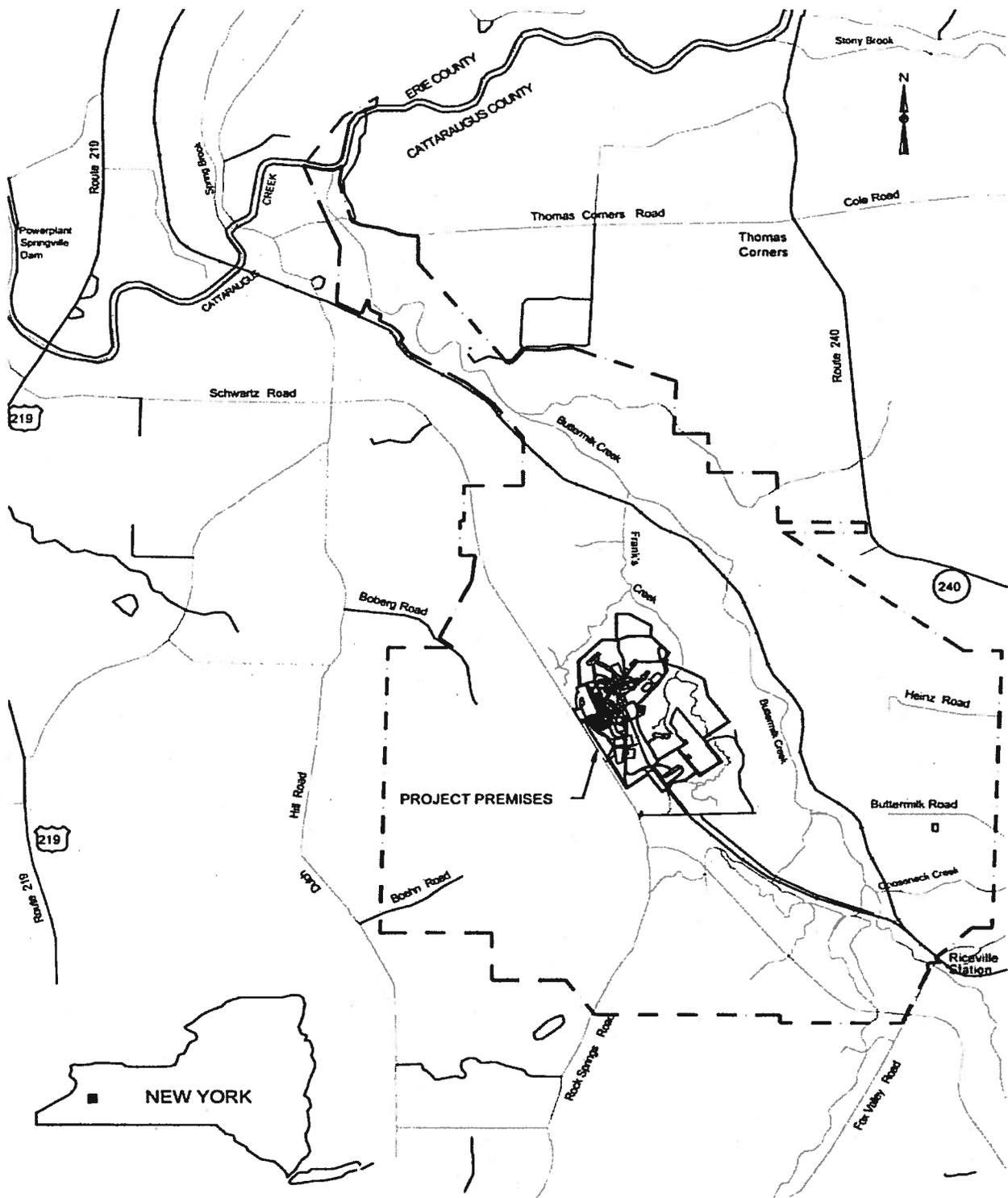
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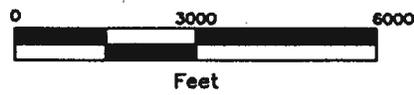
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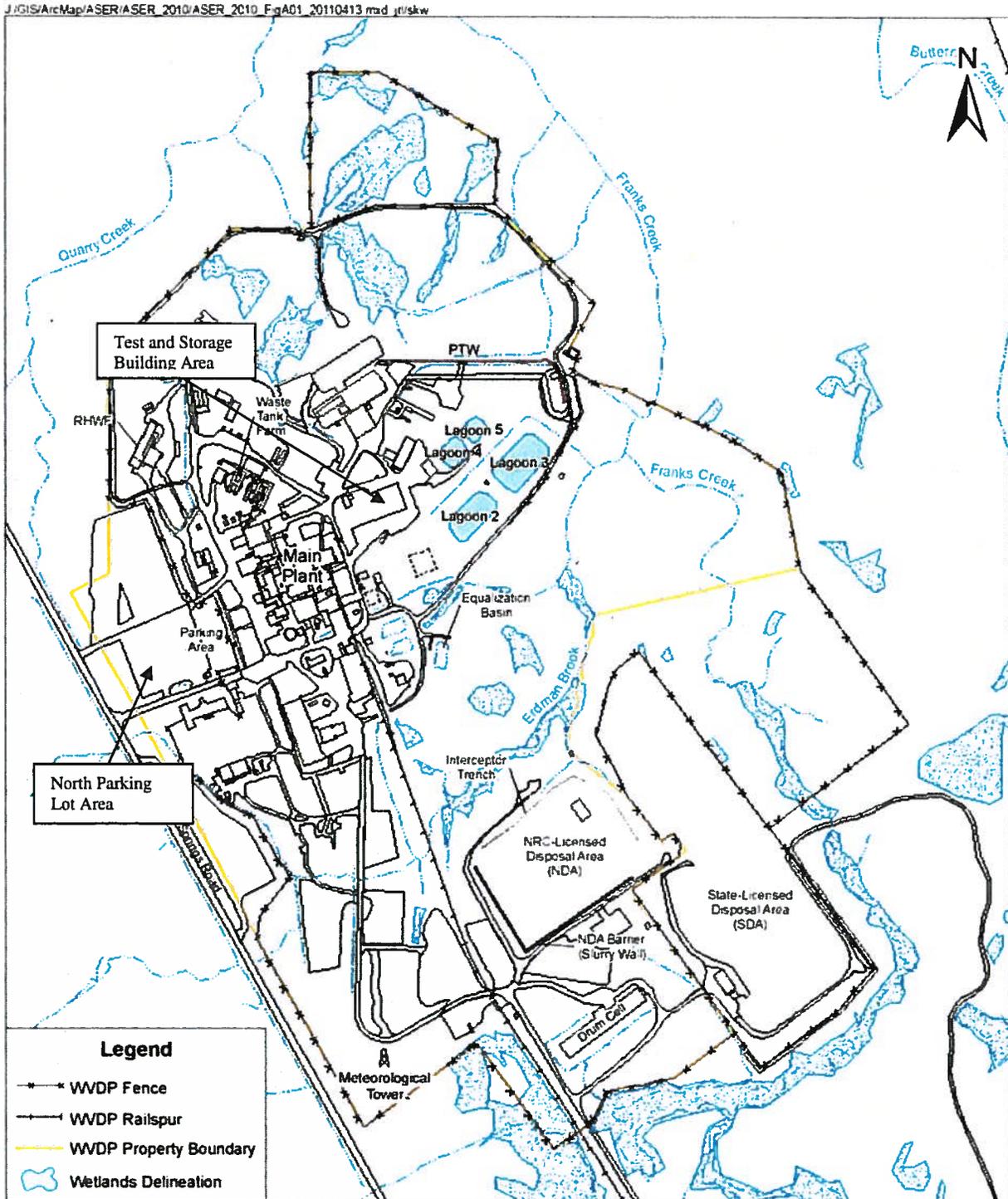
**FIGURE 1**  
**Location of the Western New York Nuclear Service Center and the**  
**West Valley Demonstration Project**

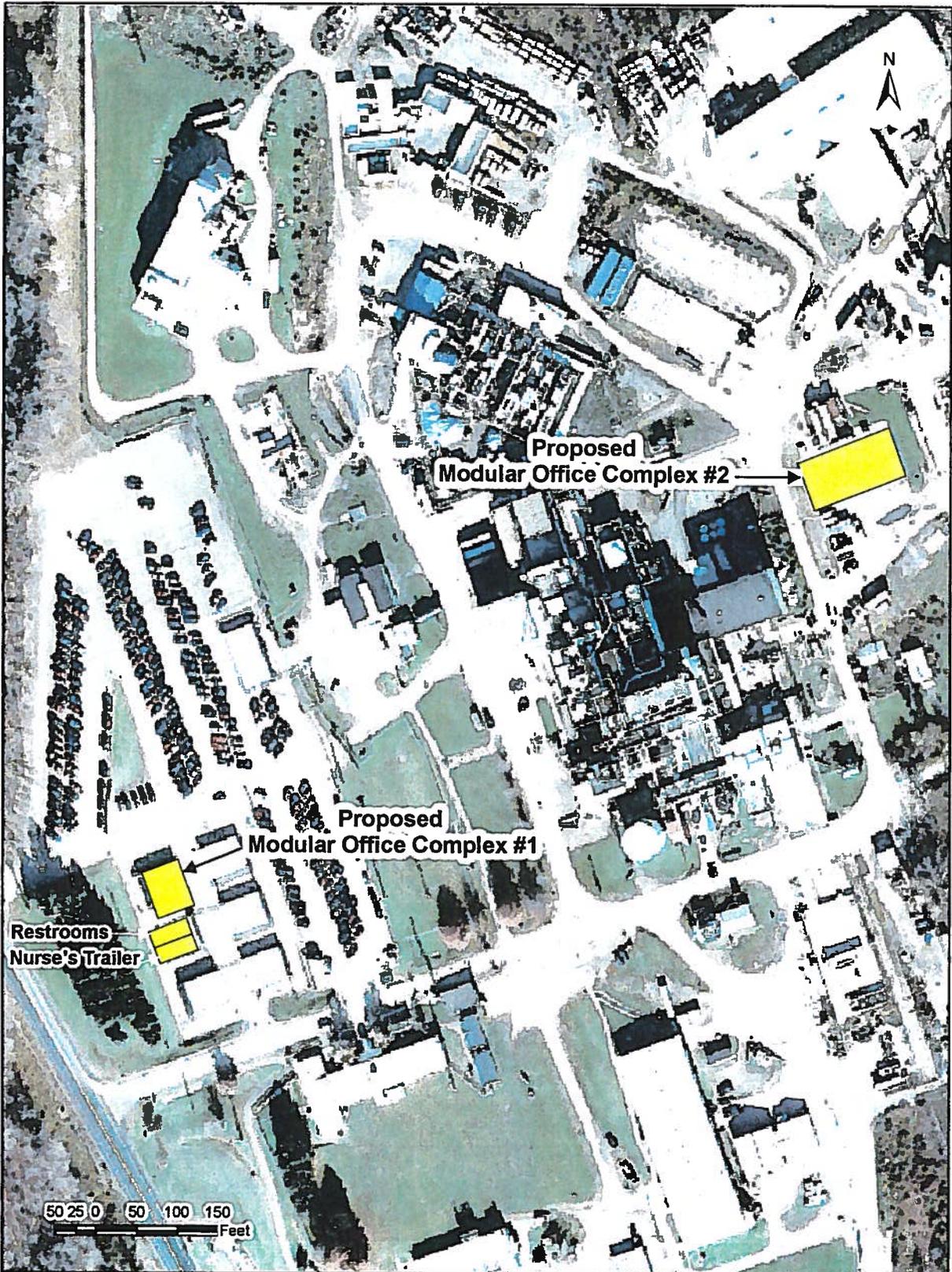


**Legend:**  
 - - - - - WESTERN NEW YORK NUCLEAR SERVICE CENTER



**FIGURE 2**  
**West Valley Demonstration Project Base Map**  
 Depicting Proposed Location of Trailers, Modular Units, and Miscellaneous Support Structures





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**FIGURE 3**  
**Proposed Office Trailers, Modular Units, and Support Structures**  
**Locations**

West Valley Demonstration Project  
 West Valley, New York