

Oak Ridge Site Specific Advisory Board Monthly Meeting



Wednesday, February 13, 2013

6 p.m., DOE Information Center
1 Science.gov Way
Oak Ridge, Tennessee

The mission of the Environmental Management (EM) Site Specific Advisory Board (the Board) at Oak Ridge, Tennessee is to provide meaningful opportunities for collaborative dialogue among the diverse multicultural communities surrounding the Oak Ridge Reservation, EM, and the U.S. Department of Energy (DOE) Oak Ridge Office (ORO). The Board is chartered under the EM Site Specific Advisory Board Charter. At the request of the Assistant Secretary, the ORO Manager, or the ORO EM Manager, the Board may provide informed advice and recommendations concerning the following EM site-specific issues: cleanup standards and environmental restoration, waste management and disposition, stabilization and disposition of non-stockpile nuclear materials, excess facilities, future land use and long-term stewardship, risk assessment and management, and cleanup science and technology activities. The Board may also be asked to provide advice and recommendations on any other EM project or issue. The Board ensures early, ongoing community access to information (and its interpretation and implications) and dialogue that improves the quality of the decision-making process of EM and ORO.

CONTENTS

AGENDA

PRESENTATION MATERIALS – FY 2015 Oak Ridge EM Budget and Prioritization
(to be distributed at meeting)

CALENDARS

1. February
2. March (*draft*)

BOARD MINUTES/RECOMMENDATIONS & MOTIONS

1. January 9, 2013, draft meeting minutes
2. Proposed Amendment to the ORSSAB Mission Statement
3. Proposed Addition of a Vision Statement to the ORSSAB Bylaws

REPORTS & MEMOS

1. Recommendation Tracking Chart
2. FY 2013 Travel Opportunities



**Oak Ridge Site Specific Advisory Board
Wednesday, February 13, 2013, 6:00 p.m.
DOE Information Center
1 Science.gov Way, Oak Ridge, Tenn.**

AGENDA

- I. Welcome and Announcements (D. Martin) 6:00–6:05
 - A. Next Meeting: Wednesday, March 13, 6:00 p.m., DOE Information Center
Presentation Topic: Environmental Management’s Approach to Contracting
and Transfer and Development of Properties at East Tennessee Technology Park
- II. Comments from the Deputy Designated Federal Officer, and the DOE, EPA, and TDEC
Liaisons (S. Cange, D. Adler, C. Jones, J. Owsley)..... 6:05–6:20
- III. Public Comment Period (S. Yahr) 6:20–6:30
- IV. Presentation: FY 2015 Oak Ridge EM Budget and Prioritization (A. Stokes)..... 6:30–7:05
Question and Answer Period 7:05–7:20
- BREAK..... 7:20–7:30
- V. Additions/Approval of Agenda..... 7:30
- VI. Motions 7:30–7:35
 - A. January 9, 2012, Meeting Minutes (C. Jensen)
 - B. Second Consecutive Absence—Chuck Jensen (D. Hemelright)
 - C. First Reading—Proposed Amendment to the ORSSAB Mission Statement (D. Martin)
 - D. First Reading—Proposed Addition of a Vision Statement to the ORSSAB
Bylaws (D. Martin)
- VII. Responses to Recommendations & Comments (D. Adler)..... 7:35–7:40
- VIII. Committee Reports..... 7:40–7:50
 - A. Board Finance & Process (G. Paulus)
 - B. Environmental Management (B. Hatcher)
 - C. Public Outreach (S. McKinney)
 - D. Stewardship (C. Staley)
 - E. Executive (D. Martin)
- IX. Federal Coordinator’s Report (M. Noe) 7:50–7:55
- X. Additions to Agenda 7:55–8:00
- XI. Adjourn 8:00



Oak Ridge Site Specific Advisory Board

February 2013

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|---|--------------------------------------|--|--------|----------|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 Monthly SSAB Meeting 6 p.m. | 14 | 15 | 16 |
| 17 | 18 Presidents' Day DOE/Staff holiday | 19 Stewardship Committee 5:30 p.m. | 20 EM Committee 5:30 p.m. | 21 | 22 | 23 |
| 24 | 25 | 26 Public Outreach Committee 4:45 p.m. American Museum of Science and Energy | 27 | 28 <div style="border: 1px solid black; padding: 2px; display: inline-block;">Board Finance & Process and Executive Committee meetings have been re-scheduled to March 5.</div> | | |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> Waste Management Symposium Phoenix, Ariz. </div> | | | | | | |

All Meetings will be held at the Office of Science and Technical Information, 1Science.gov Way, Oak Ridge unless noted otherwise.

ORSSAB Support Office: (865) 241-4583 or 241-4584 **DOE Information Center:** (865) 241-4780

Board member travel – Waste Management Symposium: D. Hemelright, J. Kasten, F. Martin

| Board meetings on cable TV and YouTube | |
|---|---|
| Knoxville: Charter Channel 6, Comcast Channel 12 | Sunday, February 17 and 24 at 4 p.m. |
| Lenoir City: Charter Cable Channel 3 | Wednesdays, 4 p.m. |
| Oak Ridge: Channel 12 | Thursday, February 21, 9 p.m. |
| Oak Ridge: Channel 15 | Monday, Wednesday, Friday, 8 a.m. & noon |
| YouTube | http://www.youtube.com/user/ORSSAB |



Oak Ridge Site Specific Advisory Board

March 2013

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---|--------------------------------------|---|--------|----------|
| | | | | | 1 | 2 |
| 3 | 4 | 5 Board Finance & Process Committee 5:00 p.m. Executive Committee 5:30 p.m. | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 Monthly SSAB Meeting 6 p.m. | 14 | 15 | 16 |
| 17 | 18 | 19 Stewardship Committee 5:30 p.m. | 20 EM Committee 5:30 p.m. | 21 | 22 | 23 |
| 24 | 25 | 26 Public Outreach Committee 5:30 p.m. teleconference | 27 | 28 Board Finance & Process Committee 5 p.m. Executive Committee 5:30 p.m. | 29 | 30 |
| 31 | | | | | | |

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DRAFT

Many Voices Working for the Community



Oak Ridge Site Specific Advisory Board

Unapproved January 9, 2013 Meeting Minutes

The Oak Ridge Site Specific Advisory Board (ORSSAB) held its monthly meeting on Wednesday, January 9, 2013, at the DOE Information Center, 1 Science.gov Way, Oak Ridge, Tenn., beginning at 6 p.m. A video of the meeting was made and may be viewed by contacting the ORSSAB support offices at (865) 241-4583 or 241-4584. The presentation portion of the video is available on the board's YouTube site at www.youtube.com/user/ORSSAB/videos.

Members Present

Jimmy Bell
Alfreda Cook
Lisa Hagy
Janet Hart
Bob Hatcher
David Hemelright, Vice
Chair

Howard Holmes
Jennifer Kasten
Ross Landenberger¹
Jan Lyons
David Martin, Chair
Fay Martin
Scott McKinney

Donald Mei
Greg Paulus
Robert Stansfield
Scott Stout
Thomas Valunas

Members Absent

Bruce Hicks
Chuck Jensen, Secretary²
Coralie Staley
Sam Yahr¹

¹Student Representative

²Second Consecutive Absence

Liaisons and Federal Coordinator Present

Dave Adler, Liaison and Alternate Deputy Designated Federal Officer, Department of Energy-Oak Ridge Reservation (DOE-ORO)

Mark Whitney, DOE Manager for Environmental Management (EM)

Melyssa Noe, ORSSAB Federal Coordinator, DOE-ORO

John Owsley, Tennessee Department of Environment and Conservation (TDEC)

Others Present

Steve Dahlgren, UCOR

Susan Gawarecki

Spencer Gross, ORSSAB Support Office

Norman Mulvenon

Pete Osborne, ORSSAB Support Office

Jon Richards, Environmental Protection Agency (EPA) Region 4

Eight members of the public were present.

Liaison Comments

Mr. Whitney – This was Mr. Whitney’s first meeting to attend as the DOE-ORO Manager for EM. He thanked all the board members for their service. He came to Oak Ridge from DOE Headquarters where he worked for the National Nuclear Security Administration (NNSA) as the Principal Assistant Deputy Administrator for Defense Nuclear Non-proliferation. Prior to that he was stationed in Moscow, Russia, as director of the DOE Office in Russia in nuclear security non-proliferation. He worked in the private sector with SAIC supporting DOE programs such as EM and NNSA.

Mr. Whitney said even though DOE is operating under a continuing resolution budget, he said much work has been completed across the Oak Ridge Reservation (ORR). For the remainder of FY 2013 he said a number of projects are scheduled and work will continue at East Tennessee Technology Park (ETTP). A mercury strategy will be completed in March for Y-12 National Security Complex, which will help define how the rest of the EM work will be done at Y-12.

He said work in the Integrated Facility Disposition Program is being re-baselined. That work is not currently in the Oak Ridge EM baseline. Work continues at Oak Ridge National Laboratory on the Uranium-233 Project. Plans are underway for the direct disposition portion of the project.

Mr. Adler – An informal dispute with EPA and TDEC has been resolved. Mr. Adler said some milestones have been re-set for FY 2013 for ETTP. He said the changes are minor; milestones were re-set within months of the original milestones.

Mr. Adler had additional information regarding the U-233 Project. He said it consists of two-components. Some of the material can be disposed without treatment; the rest requires treatment prior to shipping and disposing. Work is being focused on Consolidated Edison Uranium Solidification Project (CEUSP) material, about 400 canisters, which can be disposed directly in facilities in the western United States. That is expected to take a couple of years to complete. The materials requiring treatment is in a planning phase for disposal. Disposition will not begin for a couple of years and could continue into the 2020s. He said the project director will provide a more detailed update of the project at a future meeting.

Mr. Adler reported on a DOE-ORO response to Recommendation 211: Recommendation on Availability of DOE Environmental Management Documents (Attachment 1). A modernization effort is underway for the information technology platforms in Oak Ridge, Chicago, and DOE Headquarters. As information is migrated to the new platform the search capabilities for information and documents in the DOE Information Center will be improved significantly. Mr. Adler said the improvements will take several months. He stressed that in the meantime the DOE Information Center personnel are available to help people find documents.

Mr. Owsley – no comments

Mr. Richards – no comments

Public Comment

Mr. Mulvenon said DOE Oak Ridge is beginning the calendar year under some ‘serious’ budgetary constraints, but he said the leadership is good and progress will be made.

Presentation

Mr. Kopotic provided the presentation on the ETTP Cleanup Project. The main points of his presentation are in Attachment 2. He began by introducing Steve Dahlgren, the UCOR project manager for the Building K-27 demolition at ETTP. UCOR is the DOE-ORO prime cleanup contractor for the ORR. He also introduced Curt Walker, UCOR, who is responsible for pre-

demolition and characterization activities for both K-27 and Building K-25. Mr. Kopotic noted that DOE Headquarters had given approval to accelerate the schedule on K-27 to make use of available personnel working on K-25 to reduce costs and risk.

The K-25 Gaseous Diffusion Plant was built in the mid-1940s to enrich uranium. Operations ceased in the K-25 Building in 1967. All enrichment operations at K-27, K-29, K-31, and K-33 ended by 1987.

Mr. Kopotic said in 1997 ORSSAB established the End Use Working Group to make recommendations on how remediated sites around the ORR should be used. The recommendation for ETTP was that it be cleaned up and used as a private industrial park. With that recommendation, ETTP was divided into Zones 1 and 2 (Attachment 2, page 2, slide 2). Zone 1 is 1,400 acres outside of the main production area. Zone 2 was the production area that included the uranium processing facilities. Mr. Kopotic said the approach was to clean up Zone 1 and demolish buildings inside Zone 2 so contaminated soil and groundwater could be accessed.

Mr. Kopotic reviewed some earlier remedial actions (Attachment 2, page 3). More than 48,000 tons of scrap were removed and disposed in the Environmental Management Waste Management Facility (EMWMF) in 2007. In 2006, a project to remove about 7,000 cylinders of uranium hexafluoride was completed (Attachment 2, page 4, slide 1).

Most recently, the excavation of the last on-site burial ground was completed at the K-1070-B Burial Ground east of the K-25 Building on the northern edge of Zone 2.

The map on Page 5 of Attachment 2 notes the green-hatched areas do not require cleanup. Mr. Kopotic said the entire site is about 2,200 acres; 1,500 acres have been cleaned up. There are about 7 acres in the southwest portion of the site near the Clinch River that will require some future attention. Most of the scheduled cleanup to be done is around the process facilities (areas noted in light purple on the map).

The photograph on Page 5 of Attachment 2 shows ETTP in the late 1990s before any demolition began.

Enrichment operations in the K-25 Building ended in 1964. It was not demolished at the time because there some thought that it might be needed again. However, the building sat without any significant preventive maintenance for the next 30 years. During that time it deteriorated badly. Demolition of the west wing of K-25 began in December 2008. In July 2011, the southern end of the east wing was segmented from the rest of the wing because the five southern sections are contaminated with technetium-99. The right photograph on Page 6 of Attachment 2, slide 2 shows the status of K-25 demolition in September 2012. All that remained at the time was the North Tower and the southern sections of the east wing. Demolition of the North Tower began on October 24, 2012. To date almost all of the North Tower has been demolished. Mr. Kopotic said the remainder of the North Tower should be demolished by the end of January.

Mr. Kopotic said one of the high-risk jobs at K-25 was the removal of sodium fluoride traps (NaF traps) in the tech-99 contaminated southern sections. The five traps have been purged, removed from the building, and are in safe storage. A plan is being formulated to characterize the traps to determine proper disposal.

Mr. Kopotic said a memorandum of agreement had been signed in August 2012 for historic interpretation of the K-25 site (Attachment 2, page 7, slide 1). The agreement calls for the construction of an equipment room that will be a scale representation of the operating floor, pipe

gallery, and cell floor of the original building. An observation tower will be constructed for viewing the footprint of the building. A K-25 history center will be housed in the ETTP fire station.

The K-27 Building consists of nine units built on 7 acres. It was shut down in 1964. K-25 was built under war-time conditions and time was critical to finish it. As a result it was not as well constructed as K-27. While there is some deterioration of the building (Attachment 2, page 8, slide 1), it is not as severe as K-25. Mr. Kopotic said pre-demolition activities are well underway at K-27 with vent, purge, and drain work being done and non-destructive assay measuring and intrusive sampling.

Mr. Kopotic said there are six NaF traps in K-27. He said the traps in K-27 are not as high risk as those that were in K-25. The traps in K-27 will be removed from K-27 and placed in safe storage for later characterization.

Mr. Kopotic showed a number of photographs of previous demolition projects at ETTP (Attachment 2, pages 10-11).

The photograph on Page 11 of Attachment 2, slide 2, shows what has been demolished to date (yellow), what is demolition ready (blue), what is currently being demolished (green), where pre-demolition activity is underway (red), and what will remain (orange). Mr. Kopotic said the continuing resolution will have an impact on the final completion date of K-25 demolition. The original schedule called for the job to be finished in July 2014. With the continuing resolution, that is expected to be pushed out five to six months.

Mr. Kopotic said when demolition of K-27 is completed buildings that will eventually be demolished are the K-31 Building, some smaller facilities near K-31, the centrifuge plant near the entrance of Zone 2, the 1037 Barrier Plant Building, the Central Neutralization Facility, and the Toxic Substances Control Act Incinerator. When all the demolition work is completed what remains would be an action for removing asbestos near the old power house site and then developing a final record of decision for Zone 2 to address any groundwater contamination.

Mr. Kopotic's final slide (Attachment 2, page 12) indicates that about 700 acres and 332,000 square feet of building space have been transferred from DOE to the Community Reuse Organization of East Tennessee (CROET). About 300 acres of DOE-owned property and 180,000 square feet of DOE-owned building space have been leased.

After Mr. Kopotic's presentation a number of questions were asked. Following are abridged questions and answers.

Ms. Cook – When DOE finishes at ETTP is that when companies will be able to come in build and start other companies in the area? Mr. Kopotic – The whole front lawn area of ETTP has been transferred. If the ground is clean we do a covenant deferral if we're fairly comfortable the land is clean. When we tear buildings down we go through a dynamic verification strategy. We compare the samples we gather to cleanup criteria. We submit that information to EPA and TDEC and if they agree with the results then we get a no further action determination. But until we address groundwater there will still be the issue about a final record of decision. Our ultimate goal is to transfer the entire site to CROET. But in the interim I don't think conditions have stymied private industry. When we transfer property to CROET they can come in construct on that property. In an area around K-27 we won't transfer that because cleanup is still required.

Mr. McKinney – Are there ongoing contributors to groundwater problems on the property? Mr. Kopotic – Every area where we have a source of contamination we are going in and removing the source. At the K-1070-B Burial Grounds we went down about 35 feet down to the groundwater.

Our objective there in having an aggressive cleanup is not restrict the land and be able to transfer it so it can be used for private industry and not pump and treat groundwater. For the most part we've addressed all of the sources. We still have some around K-27. When we get K-27 out of the way and tear up the slab we'll address that. It's a slow moving plume and when it does reach surface water it is below drinking water criteria. In Zone 1 we had a plume that migrated from the K-1070-A Burial Ground that reached the K-901 Pond. Having gone in a removed that source we've seen levels that are significantly lower. The hydrologists say the source is naturally attenuating, meaning that 'bugs' in the environment are consuming the hydrocarbons in the solvents. I don't think we'll have any active groundwater treatment systems that we will have to put in Zone 1. In Zone 2 we still have some areas between K-25 and K-1401 and also the area K-27 that will require some work.

Mr. Bell – On the centrifuge site, what are the plans for those buildings? Mr. Kopotic – DOE's approach is to remove all the centrifuge units. The bulk of our funding is uranium enrichment decontamination and decommissioning. The centrifuge facility is defense funded. We've removed about 45-48 units so far. They were grouted and taken to EMWMF. When we get more funding we'll remove all the units. There are some concerns with security about residuals that may limit the building's re-use. Mr. Bell – But there is nothing going on there now? Mr. Kopotic – That's right. It's totally shut down.

Mr. Bell – On the groundwater plumes with respect to radioactive values, is there anything other than uranium in the plumes? Mr. Kopotic – Most of what we've found are solvents like trichloroethene, which was used to degrease equipment. Right beside K-1401 there was a line that cracked and leaked and that's where a lot of it came from. At the G Pit, since we've remediated it we don't have to treat a seep that appears near there.

Mr. Bell – What are the treatment plans for the CEUSP material at the lab? Mr. Adler – My understanding is that the CEUSP material is eligible for direct disposal. They have identified disposal pathways. They will load it into appropriate containers and ship it west for disposal.

Ms. Martin – After you remove the NaF traps, what happens after that? Mr. Kopotic – We'll come up with a sampling plan to determine if there is any uranium in them. There are two scenarios: no uranium or some uranium. Depending on the level we'll work with UCOR to develop a disposal plan. They could be direct disposed. Or we may have to open them up in the segmentation shop and mine out any residual uranium. A lot of the uranium that we're recovering from the equipment is of no use to Y-12 so we grout it and ship it out west.

Mr. Stansfield – Do you have an estimate of how much of the 1,500 acres at ETTP has been sold? Mr. Adler – Of the 1,500 acres that has been declared surface-cleared, 700 acres have been transferred to CROET, the industrial development authority for ETTP. Of those 700 acres, about 125 have been put into re-use with a private client. Roughly an equivalent amount serves as buffer and otherwise can't be developed. What is left is available for future opportunities.

Mr. Paulus – The slab of K-25 will be left for historic preservation purposes? Mr. Adler – A study is planned to determine the feasibility of leaving the slab. It's our expectation that the slab is salvageable. The preferred approach is to save it so it shows the footprint of the original site. That's a cost effective way of doing that. That land, about 80 acres, would be taken out the base available for development but put in the space available for historic preservation purposes. Mr. Kopotic – We'll go through a characterization process to determine if there is any contamination underneath the slab that would prevent us from saving it.

Mr. Hatcher – There used to be a chromium-6 and a technetium-99 problem there, or at least a perceived problem. Are those being remediated? Mr. Kopotic – The tech-99 problem is pretty much limited to the technetium area of K-25. UCOR is characterizing those areas now and coming up

with a strategy on how to demolish and get rid of the equipment. It looks like two of the units and the buffer unit will be able to go into EMWMF. The southern three units will have to go out west. Mr. Hatcher – But the groundwater contamination? Mr. Adler – The technetium contamination is on the building structures. The chromium was a groundwater and surface water issue, but treatment systems have been put in place to capture and treat that. Mr. Kopotic – When we do the demolition of the tech-99 units we'll use misters because we don't want the tech-99 to come in contact with the atmosphere or water because it is very soluble.

Mr. Martin – When UCOR came to Oak Ridge it was mentioned that there were small areas that had not been remediated around the ORR. The hope was that budget and time would allow some of these areas to be remediated. Has any progress been made on these? Mr. Dahlgren – In terms of cleaning up waste on site in different areas, great progress has been made. I don't have exact figures, but it's a significant change. By just driving around the buildings you can see a lot of waste has been disposed.

Ms. Gawarecki – You have long-time tenants at ETP. Has any progress been made in transferring those facilities to those companies? Mr. Adler – Original buildings are under a leasing arrangement and not a transferring arrangement. Buildings have been transferred to CROET and they are out of DOE's hands, but they are subsequently leased to tenants. I'm not aware of any case where they have been sold to tenants. I can talk to CROET and find out more, but my understanding is that are still in a leasing arrangement.

Committee Reports

ORSSAB committees did not meet in December 2012

Board Finance & Process – Mr. Paulus said the board closed out FY 2012 with a surplus. The board's FY 2013 budget has been divided between surplus funds and FY 2013 designated funds.

The committee will meet on January 24 at 5 p.m.

EM – Mr. Hatcher reported that at the November meeting the committee received a briefing from Mr. Adler on groundwater strategy development workshops. The committee will meet on January 16 at 5:30 p.m. and receive a follow-on briefing from the November board meeting on hazardous and radioactive waste in long-term storage on the ORR.

Public Outreach – Mr. McKinney reported that the committee has a full work plan and committee members have specific assignments to work on. Ms. Cook will work on stream postings; Ms. Hart will work on Secret City Festival and Earth Day communications; Mr. Hemelright will work on the board's public outreach presentations; Ms. Lyons will work on the Public Environmental Survey; Mr. Holmes and Mr. Stout will work on contacting VIPs to visit ORSSAB meetings; and Mr. McKinney is responsible for media outreach.

The committee will meet on January 22 at 5:30 p.m.

Stewardship – Ms. Martin said at its November meeting the committee worked on developing questions and comments on the Site Transition Summary document on transferring remediated parcels from EM to landlords at ongoing mission sites. Ms. Martin said committee liaison Joy Sager had actions to determine if there is a person in Oak Ridge responsible for stewardship activities and the feasibility of testing a remediated parcel transfer from EM to a landlord (NNSA-Y12 or Oak Ridge National Lab).

The committee will meet on January 15 at 5:30 p.m. and receive a briefing from Ms. Sager on the National Priority List Site Boundary delineation for the ORR.

Executive – Mr. Martin noted that ORSSAB annual report had been published and distributed as well as the January edition of the Advocate newsletter and DOE's Cleanup Progress Report for the ORR.

At the committee's November meeting, Mr. Martin said there was considerable discussion about nickel in long-term storage. He said there may be another briefing on that topic at a future board meeting.

Mr. Martin said Mr. Adler will provide the EM Committee a statement of work for Dan Goode, U.S. Geological Survey, to act as an observer for the committee in the groundwater strategy workshops that are being developed.

The committee will meet on January 24 at 5:30 p.m.

Announcements and Other Board Business

ORSSAB will have its next meeting on Wednesday, February 13 at 6 p.m. at the DOE Information Center.

The minutes of the November 14, 2012, meeting were approved.

Federal Coordinator Report

No report.

Additions to the Agenda

None.

Motions

1/9/13.1

Mr. Hemelright moved to approve the minutes of the November 14, 2012 meeting. Mr. Hatcher seconded and the motion passed **unanimously**. The board did not meet in December.

The meeting adjourned at 7:25 p.m.

Action Items

Open

1. Mr. Adler will determine if any properties have been sold by CROET to companies leasing the facilities.

Closed

1. Ms. Sager will determine if the transformers in the K-1065 Building at ETTP have been flushed of PCBs. **Complete.** The remaining inventory of waste in the K-1065 building at ETTP covered by the polychlorinated biphenyl (PCB) Federal Facility Compliance Agreement (FFCA) includes 40 PCB transformers or other electrical devices. Thirteen of the 40 items are PCB transformers, verified to have contained PCBs equal to or greater than 500 parts per million, that have been drained and will be flushed prior to disposal; the solvent used for flushing will require incineration. Eight of the items are transformers for which the current information does not clearly indicate the concentration of PCBs; additional research or sampling will be required to determine the PCB concentrations in these eight transformers and the associated requirements for disposal; these transformers will be flushed prior to disposal if necessary and the solvent used for flushing will be incinerated, if required. The remaining nineteen items either do not meet the definition of a transformer or the PCB concentrations is less than 500 parts per million. Therefore, no flushing will be required prior to disposal; residual liquids will be drained and disposed as required prior to shipment. All 40 of these items are currently in storage awaiting funding for disposition.

2. Mr. Adler will try to determine where cesium casks found in the K-770 Scrap Yard at ETPP came from. **Complete.** Mike Travaglini reported to Ms. Noe that the source of the cesium casks was investigated and the scrap project was unable to determine where they came from.

Attachments (2) to these minutes are available on request from the ORSSAB support office.

I certify that these minutes are an accurate account of the January 9, 2013, meeting of the Oak Ridge Site Specific Advisory Board.

David Martin, Chair DATE
Oak Ridge Site Specific Advisory Board
DM/rsg

Current wording:

I. MISSION

The mission of the Environmental Management (EM) Site Specific Advisory Board (the Board) at Oak Ridge, Tennessee is to provide meaningful opportunities for collaborative dialogue among the diverse multicultural communities surrounding the Oak Ridge Reservation, EM, and the U.S. Department of Energy (DOE) Oak Ridge Office (ORO). The Board is chartered under the EM Site Specific Advisory Board Charter. At the request of the Assistant Secretary, the ORO Manager, or the ORO Assistant Manager for EM, the Board may provide informed advice and recommendations concerning the following EM site-specific issues: cleanup standards and environmental restoration, waste management and disposition, stabilization and disposition of non-stockpile nuclear materials, excess facilities, future land use and long-term stewardship, risk assessment and management, and cleanup science and technology activities. The Board may also be asked to provide advice and recommendations on any other EM project or issue. The Board ensures early, ongoing community access to information (and its interpretation and implications) and dialogue that improves the quality of the decision-making process of EM and ORO.

Proposed revision:

I. MISSION

The mission of the Oak Ridge Site Specific Advisory Board is to provide informed advice and recommendations concerning site specific issues related to the Department of Energy's Environmental Management Program at the Oak Ridge Reservation. In order to provide unbiased evaluation and recommendations on the cleanup efforts related to the Oak Ridge site, the Board seeks opportunities for input through collaborative dialogue with the communities surrounding the Oak Ridge Reservation, governmental regulators, and other stakeholders.

VISION

The ORSSAB's vision is to be the most helpful, productive, open Federal citizens advisory committee in America.

Recommendation Response Tracking Chart for FY 2013

| | Date | To | Recommendation | Originating Committee | Response Date | Response Status | Committee Review of Response |
|----|----------|-------------|---|-----------------------|---------------|--|---|
| 1. | 10/10/12 | Susan Cange | 211: Recommendation on Availability of DOE Environmental Management Documents | EM | 1/8/13 | Complete: DOE is working with information technology to improve search capabilities. The 'search tip' function has been reactivated. On request, training can be provided to access information. DOE Information Center staff is always available to provide documents. DOE is working to ensure documents are available at the information center no later than the date when availability is announced. | Complete: EM Committee accepted recommendation response at its January 2013. It asks that DOE notify the board when upgrades to the system are complete. |

FY 2013 Travel Opportunities

| Meeting/Event | Dates | Location | Reg. Cost | Website | Deadline to Submit Requests |
|---|-----------------------------|---|-----------|---|-----------------------------|
| Fall Chairs Meeting (Attendees: Hemelright, D. Martin, Paulus) | Oct. 2-3, 2012 | Washington, D.C. | none | http://emssabchairsmeetingoctober2012.eventbrite.com/ | Aug. 23, 2012 |
| Perma-Fix Mixed Nuclear Waste Management Forum (Attendees: Hemelright, Holmes, Kasten) | Dec. 10-13, 2012 | Nashville | none | none | Oct. 25, 2012 |
| Intergovernmental Meeting with DOE (Attendees: None) | Dec. 12-14, 2012 | New Orleans | | | Oct. 25, 2012 |
| Waste Management Symposium (Attendees: Hemelright, Kasten, F. Martin) | Feb. 24-28, 2013 | Phoenix | \$995 | www.wmsym.org | Closed Nov. 15, 2012 |
| Spring Chairs Meeting (Attendees: Hatcher, Hemelright, D. Martin, Staley) | April 23-25, 2013 | Richland, WA | none | none | Jan. 24, 2013 |
| 15th National Brownfields Conference (Attendees: None) | May 15-17, 2013 | Atlanta | \$125 | www.brownfieldsconference.org/en/home | Jan. 24, 2013* |
| National Environmental Justice Conference & Training (Tentative requests: Cook) | April 3-5, 2013 | Washington, D.C. | none | http://thenejc.org/?conference=national-environmental-justice-conference-and-training-program | March 5, 2013 |
| 2013 EPA Community Involvement Training Conference | July 30-Aug. 1, 2013 | Boston | none | www.epa.gov/ciconference/index.htm | ? |
| RadWaste Summit (Tentative requests: Cook, Hemelright) | Sept. 3-6, 2013 (tentative) | Las Vegas | ? | ? | ? |
| Western Waste Site Tour (Tentative requests: Cook, Hatcher, Staley) | Fall 2013 | Waste Isolation Pilot Plant, Nevada Nat'l Security Site | none | none | |
| Fall Chairs Meeting (Tentative requests: Cook, Hemelright) | ? | Portsmouth, OH | none | none | |

*HQ must be notified of attendees by 2/16/13