

Oak Ridge Site Specific Advisory Board Monthly Meeting



Wednesday, February 14, 2017, 6 p.m.

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

The mission of the Oak Ridge Site Specific Advisory Board (ORSSAB) is to provide informed advice and recommendations concerning site specific issues related to the Department of Energy's (DOE's) Environmental Management (EM) 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.

CONTENTS

AGENDA

PRESENTATION MATERIALS — To be distributed prior to or at the meeting.

CALENDARS

1. February
2. March (*draft*)
3. Work plan schedule of meetings

BOARD MINUTES/RECOMMENDATIONS & MOTIONS

1. November 15, 2017 unapproved meeting minutes

REPORTS & MEMOS

1. Recommendation Tracking Chart
2. EM Project Update
3. Trip Reports – Fall Chairs Meeting (D. Wilson)
4. Travel Opportunities for FY 2018
5. Incoming Correspondence



**Oak Ridge Site Specific Advisory Board
Wednesday, February 14, 2018, 6:00 p.m.
DOE Information Center
1 Science.gov Way, Oak Ridge, Tenn.**

AGENDA

- I. Welcome and Announcements (B. Price) 6:00–6:05
 - A. Next Meeting: Wednesday, March 14, 2018
Presentation Topic: Ongoing Efforts to Assure Waste Disposal Capacity
- II. Comments from the Deputy Designated Federal Officer, and EPA and TDEC Liaisons
(J. Mullis, C. Jones, K. Czartoryski)..... 6:05–6:15
- III. Public Comment Period (C. Niemeyer) 6:15–6:25
- IV. Presentation: Excess Contaminated Facilities (Henry/McMillan) 6:25–6:50
(Issue Group Members: Bales, Beatty, Swindler, Tapp, Thomas, Trujillo) 6:25–6:50
Question and Answer Period 6:50–7:05
- V. Call for Additions/Approval of Agenda (B. Price)..... 7:05
- VI. Motions 7:05–7:10
 - A. November 8, 2017, Meeting Minutes (R. Burroughs)
 - B. Second Consecutive Absence—Sobek (R. Burroughs)
- VII. Responses to Recommendations & Alternate DDFO’s Report (M. Noe) 7:10–7:15
- VIII. Committee Reports..... 7:15–7:20
 - A. EM/Stewardship (F. Swindler)
 - B. Executive (B. Price)
 - 1. Incoming Correspondence
 - 2. Outreach Presentations
 - 3. COROH Update (M. Deaderick)
- IX. Additions to Agenda & Open Discussion..... 7:20–7:30
- X. Adjourn 7:30

Presentation to be
distributed at or prior
to meeting



Oak Ridge Site Specific Advisory Board

February

2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7 Executive Committee Meeting 6-7:00 p.m.	8	9	10
11	12	13	14 Board Meeting 6-7:30 p.m.	15	16	17
18	19 President's Day DOE/Staff holiday	20	21 Excess Facilities Tour 2 p.m.	22	23	24
25	26	27	28 EM/Stewardship Committee Meeting 6-7:00 p.m.			

Meetings are at the DOE Information Center, Office of Science and Technical Information, 1 Science.gov Way, Oak Ridge unless noted otherwise.

ORSSAB Support Office: (865) 241-4583 or 241-4584 **DOE Information Center:** (865) 241-4780
ORSSAB Conference Call Line: (866) 659-1011; enter the participant code when prompted: 3634371#

Board meetings on cable TV and YouTube	
Knoxville: Charter Channel 6, Comcast Channel 12	Thursdays at 9 p.m.
Lenoir City: Charter Cable Channel 193	Wednesdays, 4 p.m.
Oak Ridge: Channel 12	Fourth Mondays, 7 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

2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7 Executive Committee Meeting 6-7:00 p.m.	8	9	10
11	12	13	14 Board Meeting 6-7:30 p.m.	15	16	17
18	19 Waste disposal tour this week – date and time TBD	20	21	22	23	24
25	26	27	28 EM/Stewardship Committee Meeting 6-7:00 p.m.	29	30	31

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YouTube	http://www.youtube.com/user/ORSSAB

FY 2018 ORSSAB Work Plan/Schedule

Executive meeting	Monthly meeting	Site tour	EM/Stewardship meeting
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Date	Event	Topic	Presenter	Issue Group	Location
FEBRUARY 2018					
Wed., 2/7	Executive	General business			DOEIC
Wed., 2/14	Monthly meeting	Excess Contaminated Facilities	McMillan/ Henry	Bales Beatty Swindler Tapp Thomas Trujillo	DOEIC
TBD	Site tour	On-site tour/Q&A	McMillan/ Henry/ Williams		
Wed., 2/28	EM/Stewardship	Excess Contaminated Facilities detailed discussion	McMillan/ Henry	(As listed above)	

MARCH 2018					
Wed., 3/7	Executive	General business			DOEIC
Wed., 3/14	Monthly meeting	Ongoing Efforts to Assure Waste Disposal Capacity	Henry	Bales Burroughs Holden Shields Shoemaker Tapp Thomas Trujillo	DOEIC
TBD	Site tour	On-site tour/Q&A	Henry/ Williams		
Wed., 3/28	EM/Stewardship	Ongoing Efforts to Assure Waste Disposal Capacity detailed discussion	Henry	(As listed above)	DOEIC

APRIL 2018					
Wed., 4/4	Executive	General business			DOEIC
Wed., 4/11	Monthly meeting	FY2020 Budget Formulation and Prioritization of Projects/Baseline	Stokes/ Thompson	Price Tapp Trujillo Wilson	DOEIC
	Site tour	<i>(No site tour)</i>			
Wed., 4/25	EM/Stewardship	FY2020 Budget Formulation and Prioritization of Projects/Baseline detailed discussion	Stokes/ Thompson	(As listed above)	DOEIC

Date	Event	Topic	Presenter	Issue Group	Location
MAY 2018					
Wed., 5/2	Executive	General business			DOEIC
Wed., 5/9	Monthly meeting	(No ORSSAB monthly meeting due to Community Budget Workshop)			DOEIC
	Site tour	(No site tour)			
TBD	Community Budget Workshop				TBD
Wed., 5/23	EM/Stewardship	Continued discussion of FY 2020 budget formulation- recommendation if needed	Stokes/ Thompson	(As listed above)	DOEIC

JUNE 2018					
Wed., 6/6	Executive	Annual meeting planning			DOEIC
Wed., 6/13	Monthly meeting	Ongoing Groundwater Efforts	Mayton	Burroughs Lohmann Price Shields Shoemaker Swindler Tapp Wilson	DOEIC
TBD	Site tour	On-site tour/Q&A	Mayton/ Williams		
Wed., 6/27	EM/Stewardship	Ongoing Groundwater Efforts detailed discussion	Mayton	(As listed above)	DOEIC

JULY 2018					
Wed., 7/4	Executive	<i>(No meeting)</i>			DOEIC
TBD	New member training & tour				
Wed., 7/11	Monthly meeting	(No ORSSAB monthly meeting due to new member training)			
	Site tour	<i>(No site tour)</i>			
Wed., 7/25	EM/Stewardship	<i>(No meeting)</i>			DOEIC

AUGUST 2018					
Wed., 8/1	Executive	Annual meeting planning			DOEIC
Sat., 8/_	Annual meeting	FY 2018 review and planning for FY 2019			
Wed., 8/8	Monthly meeting	(No ORSSAB monthly meeting due to Annual meeting)			
	Site tour	<i>(No site tour)</i>			
Wed., 8/22	EM/Stewardship	<i>(No meeting)</i>			

Date	Event	Topic	Presenter	Issue Group	Location
SEPTEMBER 2018					
Wed., 9/5	Executive	General business			DOEIC
Wed., 9/12	Monthly meeting	Vision 2020-Planning for the Future of ETPP Including Reuse, Historic Preservation and Stewardship	Cooke/Cain	Gonzalez Holden Lohmann Shoemaker Tapp Trujillo	
TBD	Site tour	On-site tour/Q&A	Cain/ Williams		
Wed., 9/26	EM/Stewardship	Vision 2020-Planning for the Future of ETPP including Reuse, Historic Preservation and Stewardship detailed discussion	Cooke/Cain	(As listed above)	DOEIC



Many Voices Working for the Community

Oak Ridge Site Specific Advisory Board

Monthly Meeting of the Oak Ridge Site Specific Advisory Board

Unapproved November 8, 2017, Meeting Minutes

The Oak Ridge Site Specific Advisory Board (ORSSAB) held its monthly meeting on Wednesday, November 8, 2017, at the DOE Information Center, 1 Science.gov Way, Oak Ridge, beginning at 6 p.m. A video of the meeting was made and may be viewed by contacting ORSSAB support offices at (865) 241-4583 or (865) 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

Kathryn Bales
Christopher Beatty
David Branch
Richard Burroughs
Martha Deaderick
Eddie Holden
Bonnie Shoemaker
Deni Sobek

Rosario Gonzalez
Belinda Price, Vice Chair
Leon Shields
John Tapp
Venita Thomas
Ed Trujillo
Rudy Weigel
Dennis Wilson, Chair

Members Absent

Leon Baker
Michelle Lohmann
Deni Sobek¹
Fred Swindler
Tara Walker

¹Second consecutive absence

Liaisons, Deputy Designated Federal Officer, and Alternates Present

Dave Adler, Acting deputy manager and ORSSAB Alternate Deputy Designated Federal Officer (DDFO), Department of Energy, Oak Ridge Office of Environmental Management (DOE-OREM)
Kristof Czartoryski, Tennessee Department of Environment and Conservation (TDEC)
Connie Jones, U.S. Environmental Protection Agency (EPA)
Jay Mullis, Manager and ORSSAB DDFO, DOE-OREM
Melyssa Noe, ORSSAB Alternate DDFO, DOE-OREM

Others Present

Shelley Kimel, ORSSAB Support Office
Cameron Niemeyer, Hardin Valley Academy
Chloe Nussbaum, Oak Ridge High School
Pete Osborne, ORSSAB Support Office

Seven members of the public were present.

Mr. Wilson opened the meeting by congratulating Mr. Mullis on his promotion to OREM Manager.

Liaison Comments

All liaisons likewise congratulated Mr. Mullis

Mr. Czartoryski – No comments.

Ms. Jones – No comments

Mr. Mullis – No comments.

Public Comment

None

Presentation

Mr. Mullis gave a presentation (Attachment 1) on DOE's 45-Day Review, which was initiated by OREM Acting Assistant Secretary Jim Owendoff upon his appointment to the position. He directed EM executives to provide an open book of suggestions to headquarters. Oak Ridge initially supplied 18 or 20 items, said Mr. Mullis. After further screening, Oak Ridge ended up with about 14 items, he said. Field managers and other senior staff then presented those items to the organization's leadership, and teams were formed to move them forward. Of these items, Mr. Mullis' presentation addressed five involving field work that directly affects Oak Ridge. Of these five items, four should be complete by the end of the year, he said. The other items include administrative procedures or business items being discussed internally by DOE, he said.

1. Establish a path forward for non-radiologically contaminated elemental mercury. On this topic, Mr. Mullis stated OREM has removed 1.2 tons of mercury from equipment in Alpha 5. The project is about halfway done, he said, and workers will remove about two tons of mercury in total. There are regulatory conflicts on how to deal with that material, he noted. DOE would like to amalgamate and dispose of this material and, with headquarters support, OREM is working on that solution.

2. Benefits of In-Cell Macro Encapsulation
This issue involves disposal procedures the new proposed waste site, Mr. Mullis explained. That site is still in dispute among the agreeing parties. DOE would like to work with EPA and the state to be able to move and treat all waste in the new waste site rather than treating them on-site, which is what current regulations require. Due to its complexity, this item will take some time and not be completed this year.

3. Evaluate long-term in-place stabilization for some transuranic (TRU) waste
This goal is focused on disposition of the Molten Salt Reactor at Oak Ridge National Laboratory (ORNL). The reactor's fuel, including both uranium and plutonium, has mostly been removed, said Mr. Mullis. However, trace amounts of both elements remain as well as additional cesium and strontium fission products. The current interim Record of Decision (ROD) requires DOE to remove all the material. However, DOE feels this is an overly hazardous approach as the salt removal carries a significant risk of dispersing contaminated material into the environment. DOE would instead like to entomb the reactor in place. Other sites, including Hanford and Savannah River, have used this method, he said. Depending on the results of the technical evaluation, DOE would work with the state to move forward, he said. The facility is expensive to maintain and would be very expensive to clean under current procedures. DOE believes entombment would both safer and more cost effective.

4. Acceleration of medical isotopes from uranium 233 material

This item focuses on Building 2026, which contains excess radioactive materials that need to be treated and down blended, Mr. Mullis said. While there is a design project underway to accomplish this, funding requirements mean the workforce can't be maintained while that is happening. Laying off workers then re-hiring and training them once work is available would create a years-long delay in cleanup, he said. Alternatively, there is an option for a partnership with a private company that would like the thorium in these materials. The company would give OREM's cleanup contractor funds to accomplish the cleanup in return for the materials. Mr. Owendoff has approved this project, Mullis said.

5. Use of remote handled waste overpacks to enable disposal of ORNL remote-handled TRU waste at the Waste Isolation Pilot Plant (WIPP)

When WIPP shut down, OREM had to work to continue storing waste that could not be shipped, said Mr. Mullis. To accomplish this, OREM purchased shielded storage casks that could contain multiple drums of remote-handled TRU waste. While it has resumed operations, WIPP is still not taking remote-handled waste, only contact-handled waste. Because of this, OREM proposes sending the shielded casks that have worked here to WIPP, where they could be again filled with the remote-handled waste. The extra storage barrier should allow the package to be classified as contact-handled waste. For this to move forward, there would need to be a permit change in New Mexico, said Mr. Mullis. DOE headquarters is working to assist in the permit process.

Mr. Mullis noted there are additional items identified in the 45-Day Review by other EM sites that could impact Oak Ridge: Disposition of TRU waste from the West Valley Demonstration Project; lifting the moratorium/suspension on recycling of metals and other materials that meet free release criteria (including nickel); and the previously mentioned improvements to internal DOE business systems.

After the presentation board members asked the following questions.

Ms. Shoemaker asked how long until the new waste cell is approved. Mr. Mullis reviewed the formal dispute between DOE/TDEC and EPA and noted there is not a timeline for resolution. There is a proposed plan that cannot be presented to the public for comment until the dispute is done, he added.

Mr. Weigel asked about mercury from Alpha 4. Mr. Mullis said Alpha 4 is not an EM facility and it is still with NNSA. EM does not yet have funding to take on that facility, he added.

Mr. Trujillo asked, on the cell microencapsulation, would the dispute slow the design of the site. Mr. Mullis said it should not have a substantial change on the construction of the cell. Mr. Trujillo asked if there were specific criteria for the five items chosen. Mr. Mullis said that cost was definitely a factor. For example, storing of nickel is expensive for no particular purpose, he said. The decision about what to do now and what to put off was more based on what could be accomplished in a year or less and what would have the most payoff. There were additional things that were proposed that were returned to the site manager for a decision – they are not part of the 45 day review because headquarters has ceded that authority to the site to move forward.

Mr. Tapp asked about additional funding for these five goals. Mr. Mullis said none of these projects should require additional funding. They should all actually save money in the long run, he said. For example, getting rid of the mercury in Alpha 5 is far more cost effective than storing it securely.

Mr. Wilson asked about cost savings if the Molten Salt Reactor was entombed as proposed. He also asked about related facilities. Mr. Mullis said identifying the savings is part of the evaluation DOE wants to perform. Mr. Mullis said the reactor would be entombed but the other facilities could be dispositioned. So the only piece left would be the underground portions of the reactor.

Members of the public asked the following questions

Mr. Mullis answered a question from the audience regarding if macro encapsulation was for EMWMF or the new cell – Mr. Mullis said that would be for the new cell.

Committee Reports

EM & Stewardship – Mr. Tapp gave a brief overview of the Oct. 25 meeting to review Mr. Adler’s presentation on Vision 2020.

The committee discussed several sites, he said, including Duct Island redevelopment. Mr. Petrie answered many members’ questions. The committee also addressed rail cars at East Tennessee Technology Park (ETTP), with the general conclusion that those are all private property. There was discussion of the potential for the future airport, which is waiting on FAA approval. Deed restrictions on ETTP property being transferred and their enforcement was a topic of great interest. He noted the deed issue will be discussed further at the November EM & Stewardship meeting.

During the meeting, Tapp reported, Mr. Trujillo asked about revenues and property sales. Mr. Tapp said he had done extensive research on this topic and would be happy to share. There was conflicting discussion on acres transferred by DOE that was cleared up in email after the meeting by DOE staff, he added.

Mr. Tapp asked for a clarification on a DOE agreement with TWRA on several thousand acres on Black Oak Ridge. Mr. Adler said it was a long-term conservation easement. Mr. Tapp briefly covered some other property that has been turned to greenspace of various types. Mr. Tapp noted DOE is very focused on historic preservation and that historically, ORSSAB has been active in this area. He shared with the rest of the board that Martha Deadrick is the official ORSSAB representative to the historic agreements. ETTP is scheduled as the last topic of this year’s work plan, Tapp reminded board members, and so the EM Stewardship committee felt it would hold any recommendations on the topic of preservation and greenspace etc. until that time.

Executive – Discussion at the Nov. 1 Executive Committee meeting centered on a lack of information about deed restrictions as previously mentioned by Mr. Tapp, said Mr. Wilson. That is one driver behind addressing the topic further at the Nov. 29 EM & Stewardship meeting. The committee also discussed proposed recommendations moving forward on the topic.

Mr. Wilson gave an overview of his experience at the Fall Chairs Meeting, which was held at the Hanford site in Washington. He noted the challenges faced by Hanford due to the size of their site compared to Oak Ridge, which is fairly close together and easier to navigate. He commended the Hanford site’s participation in the Manhattan Project National Historical Park.

Many of the topics covered by Mr. Mullis were likewise part of the chairs meeting, he said. Some topics covered were the Molten Salt Reactor cleanup, as well as the Biology Complex at ORNL and Beta 4 getting extra funding. The challenge put forward with the new administration, he said, is that all sites must share best practices to stay within their funding going forward. While overhead for infrastructure continues to increase and threatens to pull funds from cleanup, no large increase in budgets is expected. Mr. Wilson noted that during the event, Ms. Charbonneau suggested everyone read the Energy Communities Alliance paper on waste management. While no recommendation was made, he said, the chairs did produce a work product on making good recommendations, which he shared with members (Attachment 2). He noted that WIPP responded to the chairs recommendation about additional storage, but was planning to pursue the suggestions. However, WIPP is working on additional ventilation that will allow it to increase shipments soon.

Regarding the December social meeting, Mr. Wilson asked if board members still wanted to do this. He suggested staff pick some dates and send out for the first week of December. Ms. Price suggested a Wednesday evening would be best.

Open Discussion

Mr. Burroughs noted there was a second consecutive absence by Ms. Gonzalez, but she was present at the meeting, so no further action was pursued.

Announcements and Other Board Business

ORSSAB's next scheduled meeting will be Wednesday, February 14, 2018 at the DOE Information Center. The topic will be Excess Contaminated Facilities. Issue Managers: Bales, Swindler, Tapp, Thomas, Trujillo.

The minutes of the October 11 meeting were approved.

Motions

11/8/2017.1

Mr. Wilson motioned to approve the meeting agenda. Ms. Price moved to approve and Ms. Thomas seconded. The motion was approved.

11/8/2017.2

Mr. Wilson motioned to approve the October minutes. Mr. Weigel moved to approve and Mr. Holden seconded. The motion was approved unanimously.

Alternate DDFO Report

Ms. Noe said DOE has responded to all current recommendations.

Action Items

1. Staff should put the ECA paper on next week's Tuesday Newsday since it came up again in discussion. **Completed by email 11/14.**
2. Staff should send information for the December holiday gathering to the membership and liaisons.

Mr. Wilson adjourned the meeting at 7:13 p.m. Attachments (2) to these minutes are available upon request from the ORSSAB support office.

I certify that these minutes are an accurate account of the November 8, 2017, meeting of the Oak Ridge Site Specific Advisory Board.

Richard Burroughs, Secretary

Dennis Wilson, Chair
Oak Ridge Site Specific Advisory Board
DW/smk

DATE

FY 2018 Recommendation Tracking Chart

Number	Title	Date Approved	Response
237	Recommendation 237: Recommendations on Above Ground Storage at the Waste Isolation Pilot Plant	10/31/17	
238	Recommendation 238: Recommendations on an EM Cleanup Performance Road Map and Communication Strategy	10/31/17	12/28/17

EM Project Update

ETTP	December	January
Sitewide ROD	Hydraulic testing at the K-1401 site completed. Evaluation of the design characterization results and preparation of the completion report continued. Meeting held with regulators on the K-31/K-33 groundwater data and additional sampling at selected wells requested.	Evaluation of the design characterization results and preparation of the completion report continued. Meeting held with outside consultants to discuss and interpret the results. Sampling of K-31/K-33 groundwater monitoring wells completed and sampling of K-1401 wells initiated.
Zone 1 ROD	The PCCR for the Zone 1 Powerhouse Duct Bank was submitted to the regulators.	
	DOE and TVA signed an easement that transfers to TVA the possession and control of a right of way for the maintenance and operation of transmission lines located at Duct Island and the Former Powerhouse Area of ETTP.	
Zone 2 ROD	Initiated the Technetium-99 remedial action in EU Z2-21 and 22.	
Poplar Creek Facilities		Demolition of the K-31/K-27 and K-27/131 tie-lines is complete.
Central Neutralization Facility (CNF) Demolition	Completed deactivation of CNF equipment and facilities. All of the universal wastes have been removed from the facility.	Demolition started on January 4, 2018.
ETTP Historic Preservation	The two RFPs that were issued, closed in December. Subcontract awards are expected in January.	A subcontract was awarded to Formations, Inc. of Portland, Oregon, for exhibit fabrication and installation. This is in support of the K-25 History Center, Equipment Building, Viewing Tower, and wayside exhibits that will be a part of the K-25 Preservation Footprint.
		Two subcontracts were awarded to North Wind. The first for History Center renovation of K-1652 and the second for site improvements around K-1652.
Remaining Facilities	Building K-802 demolition and debris disposal was nearly completed. There is a duct bank remaining, with scheduled demolition in January.	Demolition of K-802 and K-1203 Complex are complete.
	OREM provided a draft Transfer Memorandum of Understanding (MOU) to NNSA to support ongoing transfer activities for three warehouse buildings located at ETTP (K-1065)	
ORNL	December	January
Biology Complex	Evaluating a proposal for demolition of two facilities. OREM is waiting for State concurrence from a Historic Preservation perspective prior to giving the contractor a Notice to Proceed.	Contract is being finalized for demolition of 9743-02 and 9770-02. A letter was submitted to the State of Tennessee to meet the National Historic Preservation Act Section 106 requirements for Building 9770-02. This building is listed as an historical building.
Homogeneous Reactor Experiment	Asbestos abatement was completed.	

EM Project Update

ORNL	December	January
Surveillance and Maintenance		The FY 2017 PCCR for S&M Waste Disposal was submitted to the regulators for approval.
Molten Salt Reactor Facility		The FY 2017 PCCR for MSRE Waste Disposal was submitted to the regulators for approval.
U-233 Disposition	Continued operational activities at the Building 3019 Complex and Building 2026. Activities focused on preparing for downblending operations in Building 2026.	Continued work on finalizing the Solidification Design Package and completion of the Processing Cell Mock-Up Evaluation.
	Initiated a Condition Report to identify and track fire protection system inspection, testing, and maintenance deficiencies caused by restricted access into Building 3019B.	Continued work on the Preliminary Documented Safety Analysis.
Y-12	December	January
Outfall 200 Mercury Treatment Facility (MTF)	Fieldwork began on December 5th, more than nine months ahead of the FFA Construction Start milestone of September 30, 2018.	The OREM 8A contractor for early site preparation has begun pre-mobilization submittals. OREM hosted a pre-solicitation conference for the Balance of Construction draft request for proposal.
	Utilities relocation is underway. OREM is finalizing contract actions for the secant pile wall work and the 8A portion of the early site preparation activities.	Utilities relocation field activities continued in January.
Y-12 Facilities D&D	Planning is underway regarding risk-reduction activities for the East side COLEX.	Demolition of large equipment at the Alpha 4 West COLEX resumed and is expected to continue through March.
	OREM and NNSA personnel walked down Building 9213 (Criticality Experimental Facility) to determine if NNSA had met the conditions for return of operational control of the facility back to OREM.	Contract actions are underway for COLEX East equipment removal in FY 2018.
Off-Site Cleanup/Waste Management	December	January
Transuranic Waste Processing Center (TWPC)	Continued processing contact-handled (CH) and Tank W-1A soils remote-handled (RH) waste debris in the Cask Processing Enclosure while waiting for the next RH waste stream Acceptable Knowledge approval. This will allow the project to process more waste in the Hot Cell.	A workshop was held in Oak Ridge with the Carlsbad Field Office to discuss the commitments to complete processing of the remainder of the OREM TRU waste inventory.
		A Quarterly Status meeting for the Mixed Waste Site Treatment Plan was held. OREM and NNSA representatives for the Y-12 National Security Complex presented the status of waste disposition activities at ETTP, Y-12, and TWPC.
EMDF	The Dispute Resolution Agreement was signed by the regulators on December 7, 2017. All three parties are working together on a Proposed Plan.	The contract for characterization of the Central Bear Creek Valley site was awarded and fieldwork is scheduled to begin in February.

EM Project Update

Off-Site Cleanup/Waste Management	December	January
EMDF	OREM conducting procurement actions to characterize the Central Bear Creek Valley site.	
WRRP	The Offsite Groundwater Assessment Remedial Site Evaluation was approved by the regulators.	Preparation of the 2018 Remediation Effectiveness Report continued.
	Responses to Comments received on the Regional Groundwater Flow Model Development report were submitted to the regulators for review.	
	The RAR Comprehensive Monitoring Plan for Bear Creek Valley was approved by the regulators.	
	The Sampling & Analysis Plan for UEFPC & Chestnut Ridge Watersheds was approved by the regulators.	



Oak Ridge Site Specific Advisory Board

TRIP REPORT

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- I. Name of Traveler:** Dennis Wilson
- II. Date(s) of Travel:** October 17 – 19, 2017
- III. Location of Meeting:** Kennewick, WA
- IV. Name of Meeting:** SSAB Chairs Meeting
- V. Purpose of Travel:** To participation in the meeting as one of the representatives of the ORSSAB and gather information necessary to follow up on meeting actions and recommendations
- VI. Discussion of Meeting:**

The meeting took place Wednesday, October 18, from 8:00 a.m. to 5:00 p.m., and Thursday, October 19, from 9:00 a.m. to noon at the Red Lion Inn in Kennewick. A tour of the DOE Hanford site preceded the meeting on Tuesday, October 17, from 7:30 a.m. to 5:00 p.m.

Eric Roberts, who supports both the Paducah and Portsmouth Site Specific Advisory Boards (SSABs), facilitated the meeting. Oak Ridge attendees included Dennis Wilson and Richard Burroughs, who represented ORSSAB during the meeting discussions, David Adler, Acting Deputy Manager for the DOE Oak Ridge Environmental Management (OREM) program and Shelley Kimel, DOE OREM Public Affairs Specialist. EM SSAB Designated Federal Officer Dave Borak presided.

The agenda and presentation materials are included in the notebook distributed at the meeting (Attachment 1). These documents are also available on the EM SSAB chairs website maintained by DOE-Headquarters at <https://energy.gov/em/services/communication-engagement/em-site-specific-advisory-board-em-ssab>. Headquarters staff took minutes during the meeting, and a transcript will be available from DOE in the near future.

The Hanford site and its SSAB did an excellent job in setting up and running the meeting. The arrangements for guests and meeting space met all our needs and offsite locations were thoughtfully chosen. The tour on Tuesday, October 17, was split into two very insightful parts. The morning tour showed the immensity of the Hanford Reservation encompassing 615 square miles bordering the Columbia River to its South in the Southeast corner of Washington State. The site focused on the synthesis and separation of Plutonium for the defense of the United States

starting with the Manhattan Project and ending with the end of the Cold War in 1988. Our tour guide worked on the reservation for over 35 years and enlightened us about the strategic placement of the reservation, the immense distances between reactors, processing facilities and even the dump sites and how the communities grew up around the Reservation. We visited several ongoing D&D sites that were strategic to the Reservation's mission. Due to the immense size of the Reservation, the required needs for efficient infrastructure support of roads, utilities, safety and security was one astounding aspect of the tour.

The afternoon was particularly interesting to visit the Hanford site's museum—part of the Manhattan Project National Historic Park. After a briefing at museum headquarters, our docent, who worked at the site for over 25 years, led us back into the Reservation to cleaned-up sites that have been preserved for the National Park. A key reactor used to synthesize plutonium from uranium was the highlight of the tour and where we spent most of our time. This reactor was brought online without a prototype ever being built due to very interesting interactions between the lead scientists and the DuPont engineering team. It was evident that the skilled craftsmen who built this reactor and its 200 support buildings were strategic to the success of the reactor right from its initial startup. The nuclear engineering docent at this site shared a large number of stories that led to this success. Both tours are recommended for anyone visiting this site in the future.

Wednesday, May 10

The first day of the meeting featured presentations by Associate Principal Deputy Assistant Secretary for EM Field Operations Stacy Charboneau; a round robin presentation of the eight SSABs' topics, activities, or accomplishments; a budget and planning update by Steve Trischman, Director of Budget and Planning; and a product development session, including discussion on developing effective recommendations by Earl Sheppard of the Savannah River SSAB.

EM Program Update – Ms. Charboneau spoke on a variety of topics, including EM progress and priorities; activities at the Waste Isolation Pilot Plant (WIPP); and regulatory reform. During her presentation, attendees also heard new information on the EM 45-day Review.

She touched on several new projects at New Mexico, Texas, and Washington sites that are underway or will start before the end of the year. She said the new administration has been very supportive of EM and pointed to the most recent funding request. She cautioned, however, that federal budgets are generally set and don't vary much over time. The division of the financial pie took place a long while ago as EM became the legacy of Defense. It's up to all the sites to share best practices to complete their missions on budget and as quickly as possible. There will need to be a rebalancing of the sources of funding for each site to maintain the overall historical level of financial support. That includes rethinking the maintenance of infrastructure without over-investing and taking funds from the cleanup mission.

Stacy noted that WIPP is "critical" for EM cleanup, but is becoming interesting to other programs and agencies as a disposal option, too. WIPP reopened in January and started to receive shipments April. A supplemental ventilation system will come online next month that will allow them to work on a new panel at WIPP and allow more shipments, which should ease the waste backlog many sites face. This supplemental ventilation is only a temporary fix for increased efficiencies at this site. A major ventilation shaft project will be started shortly to be finished within 18 months to allow simultaneous waste placement and new panel excavation. At the same time, the recommendation from the 2017 Chair's meeting to expand the storage pad is NOT a

solution for the backlog. Any expanded storage should ONLY be used for outages at WIPP.

Regulatory reform, she said, is one of the new initiatives in the administrative transition – identification of what regulations are holding back project progress and what can be changed both inside DOE – consideration of various change orders was named a focus – and externally with regulatory agencies. Decide if new changes are mandatory based on cost/benefit analysis.

Stacy also noted DOE is looking at ways to improve how it handles waste across the complex. She noted the Energy Communities Alliance had recently published a paper on this topic, *Waste Disposition: A New Approach to DOE's Waste Management Must Be Pursued*, and said it was a very good document. DOE does not agree with all the suggestions by ECA, she encouraged everyone to read it. DOE believes there is nothing better than an onsite disposal site (CERCLA). For example Hanford has disposed of 17M tons of low-level waste to date. At the same time certain wastes should not be disposed of onsite; i.e. Hanford's radio active iodine.

Chairs' Round Robin – Each board had a few minutes to talk about their site-specific topics, accomplishments, or recent activities. Mr. Wilson gave the ORSSAB presentation, which focused on the upcoming priorities for Oak Ridge Reservation cleanup that the board has identified:

1. Support Offsite Groundwater Monitoring 2. Excess Facilities Disposition 3. Ensure Future Waste Disposal Capacity

Mention of long-term stewardship funding in the Oak Ridge presentation generated significant discussion. DOE representatives suggested the boards might be interested in learning more about DOE's Legacy Management operations. There will not be any reversion to the state of any reservation sites.

In the question and answer period after the presentations, there was interest by board members in the state of transportation infrastructure in and around WIPP, which sites use to transport waste. Due to the expanded gas and oil exploration in the areas, there is concern that the roads are in dire need of repair. DOE representatives said they could consider some sort of briefing on the topic.

Budget and Planning Update – Mr. Trischman confirmed issues that Ms. Charboneau touched on: DOE's FY 18 budget request is looking good, but challenging issues remain, particularly in its liability for maintaining the sites, he said. Maintenance is becoming an ever-larger portion of the budget as cleanup activities stretch over years, so sites must focus on ways to speed up their process.

For fiscal year 2018, he said, there is new funding for excess facilities. For Oak Ridge, he noted the Biology Complex was a priority. He added the Y-12 Critical Experiment Facility and the Y-12 BETA-4 Tool Storage Facility were also on the top of this list along with two facilities at Lawrence Livermore. He cautioned that, as sites are cleaned, shifting funds from one site to another will be a complex process. However, he said the new administration is looking at the budgeting process as part of the regulatory overhaul and has hopes that will give DOE some flexibility.

He noted the chairs had expressed a desire for more meaningful participation in the budgeting process and reminded everyone to prepare for the next community budget workshop.

EM SSAB Product Development – Participants at the meeting discussed how to improve recommendations given to DOE. Earl Sheppard, from the Savannah River SSAB, gave a

presentation on this topic and a summary of ‘dos and don’ts’ was produced (Attachment 2). The work session was received well by all members present with good suggestions coming from all site representatives.

The attendees discussed whether to issue a recommendation at the chairs meeting, but ultimately decided one was not needed. The chairs agreed that DOE communications (the subject of the last chairs recommendation) remained important. Transportation, infrastructure and Legacy Management were all discussed as potential future recommendation topics.

Thursday, May 11

The second day of the meeting offered a shorter agenda of presentations and discussions.

DOE-HQ News and Views – Mr. Borak mentioned that both recommendations from the previous chairs meeting – on the communications roadmap and above ground storage, respectively – had been sent to DOE and he will transmit responses as they are given. He noted that WIPP representatives said they appreciated the board’s support on the storage issue, but would prefer to focus on other items like ventilation needs first.

Mr. Borak summarized the previous day’s discussion on writing good recommendations and said he would like to have more “workshop-type” sessions like that at future chairs meetings. He noted that the 45-day Review and regulatory reforms were big topics at this chairs meeting and he would like the chairs to receive more information on those topics so they could come together and make an impactful recommendation at a future meeting.

The next chairs meeting was planned for Portsmouth, Ohio, he said, but that discussion at headquarters makes it likely that something different will happen. He promised to keep the chairs informed of plans for the next meeting and noted that he was trying to set up a future chairs meeting around a tour of WIPP.

Waste Disposition Update – Mark Gilbertson, DOE Associate Principle Deputy Assistant Secretary for Regulatory & Policy Affairs, provided a very comprehensive discussion that focused on infrastructure issues.

He noted that DOE is in the process of planning how to tackle the infrastructure needs and added EM is not accepting new facilities until and unless it has funding to complete deactivation and decommissioning. DOE’s strategy, he said, was to cleanup sites on a facility-by-facility basis, such as the Biology Complex at Y-12. He also mentioned progress toward transferring the K-1065 building in Oak Ridge.

Mark stated that the DOE Order 435.1 Oversight Program update is being implemented in FY 2018 which evaluates HLW, TRU wastes and LLW for compliance with the order. It is based on chemical and radioactive composition and NOT on where the waste came from or what type of label is on the container. This was a corrective action plan based on the incident that closed WIPP in February of 2014.

He noted that there was a lot of interest at the meeting on transportation and suggested DOE could work on giving the boards some kind of update specifically on packaging and transportation of waste. There were suggestions from the boards that a complex-wide waste disposal graph be redone for use as a key communication tool. Further was a suggestion to develop a “national map” on the sources of waste and where it was to be disposed. Again this

will serve both the DOE and the boards for communication internally and the public interest.

VII. Significance to ORSSAB:

Understanding other boards' issues and maintaining working relationships with the other SSABs is invaluable to helping this board do its job. Sharing experiences and best practices ensures the SSABs remain a valuable resource to DOE.

VIII. Names & Telephone Numbers of Significant Contacts:

A current list of EM SSAB contacts is available from the ORSSAB support office.

IX. Action Items:

None

X. Traveler's Signature & Date:

Signature: 

Date: 11/13/17

Travel Opportunities

Meeting/Event	Dates	Location	Reg. Cost	Website	Conference Lock Date; # Allocated Attendees	Deadline to Submit Requests
FY 2018						
2017 Fall Chairs Meeting (Attendees: Burroughs, Wilson)	Oct. 17-19, 2017	Hanford, WA	none		(2)	9/6/17
Intergovernmental Meeting with DOE (Pending requests: <i>none</i>)	Nov. 15-17, 2017	San Antonio	none		NA	10/4/17
Perma-Fix Nuclear Waste Mgmt. Forum Attendees: <i>none</i>	Nov. 27-29, 2017	Nashville			7/18/17 (2)	7/5/17
EPA National Brownfields Conference Attendees: <i>none</i>	December 4-7, 2017	Pittsburgh	\$125	https://www.brownfields2017.org/	N/A	11/1/17
Waste Management Symposium (Attendees: Holden, Price)	March 18-22, 2018	Phoenix		www.wmsym.org	8/31/17 (2)	8/15/17
National Environmental Justice Conference & Training (Attendees: Shields)	April 25-27, 2018	Washington, D.C.	none	http://thenejc.org	N/A	3/7/18
2018 Spring Chairs Meeting (Pending requests: Price, Wilson)	May 1-4, 2018	Roswell/ Carlsbad, NM	none		N/A	3/7/18
RadWaste Summit (Pending requests: Shields)	Sept. 4-6, 2018	Henderson, Nevada	\$525	http://www.exchangemonitor.com/forums/annual-radwaste-summit/	TBD	TBD
DOE National Cleanup Workshop (Pending requests: Lohmann, Price, Shields)	Sept. 11-13, 2018	Alexandria, VA	\$425	http://www.cleanupworkshop.com/	TBD	TBD

Shaded trips are closed

Travel Opportunities



FY 2018 Incoming Correspondence

#	Date	To	From	Description	Distribution
1	10/4/17	Jones, EPA Young, TDEC	Henry, Japp, DOE	Transmittal of Phase 1 Field Sampling Plan for the Proposed EMDF for CERCLA Oak Ridge Reservation Waste Disposal (DOE/OR/01-2739&D1)	DOEIC, Notified board officers of receipt
2	10/5/17	Jones, EPA Young, TDEC	McMillan, Japp, DOE	Transmittal of Sample Location Maps for the Melton Valley/Bethel Valley Exit Pathway Project	DOEIC, Notified board officers of receipt
3	10/3/17	Jones, EPA Young, TDEC	Adler, Japp, DOE	Transmittal of the 2017 Remediation Effectiveness Report for the DOE Oak Ridge Reservation (DOE/OR/01-2731&D2)	DOEIC, Notified board officers of receipt
4	9/28/17	Japp, DOE	Young, TDEC	Comments on the Addendum to the Remedial Design Report for the Disposal of ORR CERCLA Waste (DOE/OR/01-1873&D4/A1)	DOEIC, Notified board officers of receipt
5	10/4/17	McMillan, DOE	Awasthi, Czartoryski, TDEC	Concurrence on Resolution of the Informal Dispute Concerning the Site Treatment Plan Milestones Associated with the Remediation of Trench 13, ORNL	DOEIC, Notified board officers of receipt
6	10/6/17	Jones, EPA Young, TDEC	Henry, Japp, DOE	Strategic Plan for Mercury Remediation at the Y-12 National Security Complex (DOE/OR/01-2605&D2/R1) Update	DOEIC, Notified board officers of receipt
7	10/10/17	Japp, DOE	Urquhart-Foster, EPA	Approval of the Addendum IV to Waste Handling Plan Part 2 for Poplar Creek High-Risk Facilities & Process Tie-Lines of the Remaining Facilities Demolition Project at ETPP (DOE/OR/01-2266&D1/R2/A4)	DOEIC, Notified board officers of receipt
8	10/11/17	Jones, EPA Young, TDEC	Cain, Japp, DOE	Transmittal of the Phased Construction Completion Report for Exposure Unit Z2-28 in Zone 2, ETPP (DOE/OR/01-2746&D1)	DOEIC, Notified board officers of receipt
9	10/11/17	Japp, DOE	Jones, EPA	Notice of Additional 30 Days for Review of the Removal Action Report for the D&D of the K-25 and K-27 Buildings, ETPP (DOE/OR/01-2729&D1)	DOEIC, Notified board officers of receipt
10	10/12/17	Japp, DOE	Frode, EPA	Concurrence with Changes to Sampling Locations Associated with the Melton Valley/Bethel Valley Exit Pathway Project	DOEIC, Notified board officers of receipt

#	Date	To	From	Description	Distribution
11	10/17/17	Japp, DOE	Young, TDEC	TDEC Comment: Removal Action Report for the D&D of K-25 and K-27 buildings at ETPP (DOE/OR/01-2729&D1)	DOEIC, Notified board officers of receipt
12	10/17/17	McMillan, DOE	Awasthi, Czartoryski, TDEC	Mixed Waste Site Treatment Plan – Notification of Transuranic Milestone Completion	DOEIC, Notified board officers of receipt
13	10/23/17	Japp, DOE	Young, TDEC	Approval of FY17 Phased Construction Completion Report for ORR EMWMF (DOE/OR/01-2738&D2)	DOEIC, Notified board officers of receipt
14	10/26/17	Jones, EPA Young, TDEC	McMillan, Japp, DOE	Transmittal of the Offsite Groundwater Assessment Remedial Site Evaluation, Oak Ridge (DOE/OR/01-2715&D2)	DOEIC, Notified board officers of receipt
15	10/25/17	Japp, DOE	Young, TDEC	TDEC Approval of the 2017 Remediation Effectiveness Report for the ORR (DOE/OR/01-2731&D2)	DOEIC, Notified board officers of receipt
16	10/25/17	Japp, DOE	Young, TDEC	TDEC Approval of the Addendum to Waste Handling Plan for the Melton Valley Weir Cleanout & Bank Stabilization Project at ORNL (DOE/OR/01-2346&D1/A1)	DOEIC, Notified board officers of receipt
17	10/25/17	Japp, DOE	Young, TDEC	TDEC Approval of Proposed Changes to the ORR FFA Agreement Appendix B & C	DOEIC, Notified board officers of receipt
18	10/25/17	Morris, NNSA	Awasthi, Czartoryski, TDEC	Notification of Completion of FY 2018 & 2019 Milestones for ORR Site Treatment Plan, Table 3.6 Mixed Wastes	DOEIC, Notified board officers of receipt
19	10/25/17	Japp, DOE	Young, TDEC	Explanation of Significant Differences for the ROD for disposal of ORR CERCLA Waste (DOE/OR/01-2322&D1)	DOEIC, Notified board officers of receipt
20	10/31/17	Japp, DOE	Jones, EPA	Rejection of Phased Construction Completion Report for Exposure Unit Z2-28 in Zone 2, ETPP (DOE/OR/01-2746&D1)	DOEIC, Notified board officers of receipt
21	11/1/17	Czartoryski, TDEC	Henry, Japp, DOE	Re: Audit Report, TDEC Division of Remediation Audit of DOE Waste Lot 301.4 Disposed at EMWMF on 9/29/16	DOEIC, Notified board officers of receipt
22	11/1/17	Adler, DOE Campbell, EPA	Thompson, TDEC	Staff Changes in the TDEC Division of Remediation – Oak Ridge office, effective 10/24/17	DOEIC, Notified board officers of receipt

#	Date	To	From	Description	Distribution
23	11/1/17	Japp, DOE	Young, TDEC	TDEC Approval Letter: Addendum IV to Waste Handling Plan Part 2 for Poplar Creek High-Risk Facilities & Process Tie-Lines of the Remaining Facilities Demolition Project at ETPP (DOE/OR/01-2266&D1/R2/A4)	DOEIC, Notified board officers of receipt
24	11/2/17	Japp, DOE	Froede, EPA	Re: FY 2017 Phased Construction Completion Report for the ORR EM Waste Management Facility (DOE/OR/01-2738&D2)	DOEIC, Notified board officers of receipt
25	11/8/17	Japp, DOE	Jones, EPA	EPA Approval Letter: 2017 Remediation Effectiveness Report for the DOE ORR (DOE/OR/01-2731&D2)	DOEIC, Notified board officers of receipt
26	11/8/17	Japp, DOE	Froede, EPA	EPA Review of Phase 1 Field Sampling Plan for the Proposed EMDF for CERCLA Oak Ridge Reservation Waste Disposal (DOE/OR/01-2739&D1)	DOEIC, Notified board officers of receipt
27	11/9//17	Japp, DOE	Rigger, EPA	EPA Review of Addendum 3 and Erratum to the Phased Construction Completion Report for Duct Island and K-901 Area in Zone 1, ETPP (DOE/OR/01-2261&D2/A3)	DOEIC, Notified board officers of receipt
28	11/13/17	Deacon, Henry, McMillan, Moore, DOE	Awasthi, Czartoryski, TDEC	TDEC Approval of the Site Treatment Plan for Mixed Waste on the ORR—Submittal of the Annual Update (Version 22.0) and the Semi-Annual Progress Report	DOEIC, Notified board officers of receipt
29	11/16/17	Japp, DOE	Jones, EPA	EPA Comments on the Removal Action Report for the Decontamination and Decommissioning of the K-25 and K-27 Buildings, ETPP (DOE/OR/01-2729&D1)	DOEIC, Notified board officers of receipt
30	11/9/17	Japp, Doe	Young, TDEC	Approval of Changes to Phase 1 Field Sampling Plan for the Proposed EMDF for CERCLA Oak Ridge Reservation Waste Disposal (DOE/OR/01-2739&D1)	DOEIC, Notified board officers of receipt
31	11/17/17	Japp, DOE	Young, TDEC	Approval of Addendum 3 to the Phased Construction Completion Report for Duct Island and K-901 Area in Zone 1, ETPP (DOE/OR/01-2261&D2/A3)	DOEIC, Notified board officers of receipt
32	11/28/17	Japp, DOE	Young, TDEC	TDEC Approval of Erratum to the East Fork Poplar Creek & Chestnut Ridge Administrative Watersheds Remedial Action Report Comprehensive Monitoring Plan, Oak Ridge (DOE/OR/01-2466&D4) and Erratum to the Bear Creek Valley Watershed Remedial Action Report Comprehensive Monitoring Plan, Oak Ridge (DOE/OR/01-2457&D3)	DOEIC, Notified board officers of receipt

#	Date	To	From	Description	Distribution
33	11/30/17	Jones, EPA Young, TDEC	Deacon, Japp, DOE	FY17 Phased Construction Completion Report for the Low Risk/Low Complexity & Predominately Uncontaminated Facilities of the Remaining Facilities Demolition Project for ETPP (DOE/OR/01-2763&D1)	DOEIC, Notified board officers of receipt
34	11/30/17	Japp, DOE	Froede, EPA	EPA review of revised Offsite Groundwater Assessment Remedial Site Evaluation, Oak Ridge (DOE/OR/01-2715&D2)	DOEIC, Notified board officers of receipt
35	12/5/17	Jones, EPA Young, TDEC	Henry, Japp, DOE	Addendum to the Remedial Design Report for the Disposal of ORR CERCLA Waste (DOE/OR/01-1873&D4/A1/R1)	DOEIC, Notified board officers of receipt
36	12/5/17	Japp, DOE	Jones, EPA	EPA review comments on the Covenant Deferral Request for the Proposed Title Transfer of Selected Access Portals and Roads at ETPP (DOE/OR/01-2726)	DOEIC, Notified board officers of receipt
37	12/11/17	Jones, EPA, Young, TDEC	Deacon, Japp, DOE	Phased Construction Completion Report for the Remediation of the Zone 1 Powerhouse Duct Bank (DOE/OR/01-2736&D1)	DOEIC, Notified board officers of receipt
38	12/12/17	Japp, DOE	Young, TDEC	TDEC Comments: Remedial Design Report/Remedial Action Work Plan for Water Treatment at Outfall 200 in the Upper East Fork Poplar Creek Characterization Area (DOE/OR/01-2735&D1)	DOEIC, Notified board officers of receipt
39	12/12/17	Japp, DOE	Jones, EPA	EPA Modification Request for DOE's Storm Water Pollution Prevention Plan for Future Response Actions Under CERCLA as discussed in the Remedial Design Report/Remedial Action Work Plan for Zone 2 Soils, Slabs, and Subsurface Structures (DOE/OR/01-2224&D5)	DOEIC, Notified board officers of receipt
40	12/15/17	Jones, EPA Young, TDEC	Henry, Japp, DOE	Addendum to the Removal Action Work Plan for the Y-12 Facilities D&D (DOE/OR/01-2479&D1/A2)	DOEIC, Notified board officers of receipt
41	12/21/17	Japp, DOE	Young, TDEC	Comment Period Extension for Sampling & Analysis Plan/Quality Assurance Project Plan for EMWMF (DOW/OR/01-2734&D1/R2)	DOEIC, Notified board officers of receipt
42	12/22/17	Jones, EPA Young, TDEC	Deacon, Japp, DOE	Addendum 3 to Waste Handling Plan Part 2 for Poplar Creek High-Risk Facilities and Process Tie-Lines of the Remaining Facilities Demolition Project at ETPP (DOE/OR/01-2266&D1/R2/A3/R1)	DOEIC, Notified board officers of receipt

#	Date	To	From	Description	Distribution
43	12/20/17	Wilson, ORSSAB	Owendoff, DOE	Response to Recommendation 238: Recommendations on an EM Cleanup Performance Road Map and Communication Strategy	DOEIC, Notified board officers of receipt
44	12/27/17	Jones, EPA Young, TDEC	McMillan, Japp, DOE	Response to Comments on the Regional Groundwater Flow Model Development – FY16 Progress Report (DOE/OR/01-2743&D1)	DOEIC, Notified board officers of receipt
45	1/4/18	Japp, EPA	Froede, EPA	Review of Revised Addendum to the Remedial Design Report for the Disposal of ORR CERCLA Waste (DOE/OR/01-1873&D4/A1)	DOEIC, Notified board officers of receipt
46	1/5/18	Japp, DOE	Young, TDEC	TDEC Comments: Addendum to the Remedial Design Report for the Disposal of ORR CERCLA Waste (DOE/OR/01-1873&D4/A1/R1)	DOEIC, Notified board officers of receipt
47	1/10/18	Japp, DOE	Young, TDEC	TDEC Comments: Phased Construction Completion Report for Exposure Unit Z2-28 in Zone 2 ETPP (DOE/OR/01-2746&D1)	DOEIC, Notified board officers of receipt
48	1/11/18	Jones, EPA Young, TDEC	Henry, Japp, DOE	Transmittal of Errata for the Remedial Investigation Feasibility Study for CERCLA, ORR Waste Disposal (DOE/OR/01-2535&D5)	DOEIC, Notified board officers of receipt
49	1/16/18	Jones, EPA Young, TDEC	Henry, Japp, DOE	FFA Milestone Extension Request for EMDF ROD and Follow-on Documents	DOEIC, Notified board officers of receipt
50	1/16/18	Japp, DOE	Young, TDEC	TDEC Approval: Addendum 3 to Waste Handling Plan Part 2 for Poplar Creek High-Risk Facilities and Process Tie-Lines of the Remaining Facilities Demolition Project at ETPP (DOE/OR/01-22266&D1/R2/A3/R1)	DOEIC, Notified board officers of receipt
51	1/16/18	Japp, DOE	Jones, EPA	EPA Approval: Review of Addendum 3 to Waste Handling Plan Part 2 for Poplar Creek High-Risk Facilities and Process Tie-Lines of the Remaining Facilities Demolition Project at ETPP (DOE/OR/01-22266&D1/R2/A3/R1)	DOEIC, Notified board officers of receipt
52	1/16/18	Japp, DOE	Young, TDEC	TDEC Comments: Phase 1 Field Sampling Plan for the Proposed EMDF for CERCLA Waste Disposal (DOE/OR/01-2739&D2)	DOEIC, Notified board officers of receipt
53	1/16/18	Japp, DOE	Jones, EPA	Approval of DOE Milestone Extension Request for Building K-1037 Phased Construction Completion Report D1	DOEIC, Notified board officers of receipt
54	1/18/18	Japp, DOE	Young, TDEC	Approval of DOE Milestone Extension Request for Building K-1037 Phased Construction Completion Report	DOEIC, Notified board officers of receipt

#	Date	To	From	Description	Distribution
55	1/25/18	Jones, EPA Young, TDEC	McMillan, Japp, DOE	Phased Construction Completion Report for FY17 for the Molten Salt Reactor Experiment Remediation of Secondary Low-Level Waste at ORNL (DOE/OR/01-2767&D1)	DOEIC, Notified board officers of receipt
56	1/26/18	Distribution	Mullis, DOE	Semiannual Status Report in Accordance with the MOA for D&D of the K-25 Site and Interpretation of ETPP	DOEIC, Notified board officers of receipt
57	1/29/18	Jones, EPA Young, TDEC	McMillan, Japp, DOE	Phased Construction Completion Report for FY17 for Surveillance and Maintenance Waste Management at ORNL (DOE/OR/01-2764&D1)	DOEIC, Notified board officers of receipt
58	1/25/18	Japp, DOE	Young, TDEC	TDEC Comments: Sampling & Analysis Plan/QA Project Plan for Environmental Monitoring at EMWMF (DOE/OR/01-2734&D1/R1)	DOEIC, Notified board officers of receipt
59	2/6/18	Jones, EPA Young, TDEC	McMillan, Japp, DOE	Transmittal of the Sampling and Analysis Plan for Asbestos Containing Material at Building 7500 at ORNL (DOE/OR/01-2796&D1)	DOEIC, Notified board officers of receipt