# Oak Ridge Site Specific Advisory Board Monthly Meeting



Wednesday, April 9, 2025, 6 p.m.

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.

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#### **AGENDA**

#### MEMBER BIOGRAPHIES

#### PRESENTER BIO

#### **CALENDARS**

- 1. April
- 2. May (draft)

#### **BOARD BUSINESS**

1. Draft November 13, 2024, Full Board Meeting minutes for approval

#### **REPORTS & MEMOS**

- 1. FY 2025 Work Plan
- 2. FY 2025 Incoming Correspondence
- 3. FY 2025 Travel Opportunities
- 4. Moore Trip Report Waste Management Symposia 2025
- 5. Public Comment #1

#### REFERENCE INFORMATION

1. Abbreviations & Acronyms



## Oak Ridge Site Specific Advisory Board Wednesday, April 9, 2025, 6:00 p.m. Hybrid meeting

## **AGENDA**

I.	Welcome and announcements (A. Jones)
II.	Comments from federal and state agency representatives (E. Olds, R. Petrie, S. Urquhart-Foster, K. Czartoryski)
III.	Presentation: Ongoing Efforts to Assure Waste Disposal Capacity (Mayton)
	Questions regarding the <b>presentation topic only</b>
IV.	Public comment period (S. Kimel)
V.	Call for additions & motion to approve agenda (A. Jones)
	This ends the presentation portion of the meeting – presenters and subject experts may depart
VI.	Board Business (A. Jones)
VII.	Responses to recommendations & DDFO's report (M. Noe)
VIII	A. Executive (A. Jones) i. Next meeting – May 7 B. EM/Stewardship (C. Moore) i. Next meeting – April 23 (Overlap with EM SSAB Chairs)
IX.	Additions to agenda & closing remarks (A. Jones)
X.	Adjourn

## ORSSAB Current Member Biographies

**Kris Bartholomew** is the owner of Turn Key Plumbing and Construction, a small family-owned business. A high school graduate with some college, Kris has received licensures related to his trade. Those licenses include general contractor and subsurface sewage installer. He is interested in environmental and public health issues. He lives in Lenoir City.

Raiyan Bhuiyan earned a bachelor of science degree in Nuclear Energy Engineering Technology from Thomas Edison State University, where he was a recipient of the Nuclear Regulatory Commission Scholarship. He was also a graduate of the Naval Power School during his time serving in the U.S. Navy and has received certifications in CPR and as an IBM Data Science Professional. Raiyan is interested in environmental and workforce issues. He lives in Oak Ridge.

Mary Butler is a former staff pharmacist with Aurora Pharmacy. She received a bachelor of science in pharmacy from the University of Wisconsin. She retired to Rockwood in 2020 and is eager to engage in the community here as she was previously active in several organizations in her native Wisconsin. Mary is interested in civic and educational issues.

Laure Clark retired in 2019 after serving as an environmental, safety and health advisor for prime contractor Bechtel National, Inc. since 2001. She received a bachelor of science in Earth Studies from the University of Massachusetts and completed graduate work in Water Resources Management at the University of Nevada. Laure is interested in environmental issues and civic participation and lives in Oak Ridge.

Harold Conner, Jr., is a senior engineering advisor with Strata-G. In this role, he focuses on supporting community outreach, university partnerships, student internships and mentoring. Harold is a former K-25 plant manager, serving from 1968-1996. He has bachelor of science and master of science degrees in Chemical Engineering from the University of Tennessee, Knoxville (UT), where he was the program's first African American graduate in 1968. He received his Ph.D. in Industrial and Systems Engineering from the University of Alabama at Huntsville. He is active in many community organizations including: the UT Knoxville Alumni board; the UT Tickle College of Engineering board; the STEM Scouts board; the American Museum of Science and Energy board; and Strata-G's board. He is a fellow of the American Institute of Chemical Engineers and the American Society for Engineering Management. He is also a lifetime member of the National Society of Black Engineers and the National Organization of Black Chemists and Chemical Engineers. Harold lives in Knoxville and is interested in educational and minority issues.

Paul Dill retired in 2018 as a project manager with Project Enhancement Corp. He received a B.S. in industrial engineering/technology management from Roger Williams University and an M.A. in psychology from Ashford University. Mr. Dill also earned a Master Project Manager certification from the American Academy of Project Management. He is currently an associate member of the American Psychological Association and a member of the Society for Personality and Social Psychology. Mr. Dill lives in Oliver Springs, which includes portions of Anderson, Roane, and Morgan counties. He is interested in environmental and public health issues.

**Rosario Gonzalez** is a returning board member who served from 2016 through 2018. She recently retired as cafeteria manager of St. Mary's Catholic Church Cafeteria in Oak Ridge. She completed her secondary education in Mexico and received her GED from Pellissippi State. She lives in Oak Ridge and is interested in environmental and minority issues.

Amy Jones is the agency manager for Steve Pyatt Insurance and a licensed agent for Madison Insurance Group, serving as lead agent for their Georgia office and as senior benefits coordinator for their Medicare division. She is also a real estate agent at Stephenson Realty & Auction. She owned her own business, Double J Enterprises of TN, in Rocky Top, Tennessee, for more than 20 years. Amy is active in a variety of community organizations, including the Anderson County Chamber of Commerce, the Anderson County Headstart Policy Council, the Women's Ministry Banquet at Main Street Baptist, the Anderson County Republican Party, the Tennessee Republican Party, the Order of Amaranth, and the Order of the Eastern Star. She founded Christmas for Rocky Top Kids in 2018. She lives in Briceville and is interested environmental, economic, and county government issues.

Noah Keebler is a nuclear electronics technician with Ametek, which is a manufacturer of electronic instruments and electromechanical devices. Prior to that he was a radiological instrumentation specialist with Perma-fix Environmental Services. Mr. Keebler received an A.S. in Electrical Engineering from Roane State Community College. He holds a certification in Instrumentation from Ludlum Measurements and several other work-related certifications. Noah has Occupational Safety and Health Administration training, electrical safety experience and radiation worker training and is a member of the East Tennessee Chapter of the Health Physics Society. He has an interest in environmental issues. He lives in Knoxville.

**Lauren LaLuzerne** is on the administrative staff at the Oak Ridge National Laboratory through UT-Battelle, the DOE site facility management and operations contractor for the laboratory. She received a bachelor of arts in Sustainability Studies and Anthropology from the University of Florida and recently completed a master's degree in Natural Resources and Global Sustainability from Virginia Tech. She is interested in environmental and public health issues and lives in Loudon.

**Michael (Mike) Mark** is a former first responder and hazmat professional. He earned a high school diploma and has many certifications related to his career. He lives in Harriman and is interested in environmental and economic development issues.

**Thomas McCormick** is the city manager for the Town of Oliver Springs, which includes portions of Anderson, Roane, and Morgan counties. He received a B.S. in political science from Middle Tennessee State University. He also has numerous certifications from the State of Tennessee, including as a water and wastewater treatment plant operator. He lives in Oliver Springs and is interested in city/county government and environmental issues.

Ann (Harriett) McCurdy retired in 2014 after more than 40 years as a teacher for middle- and high-school students both in the United States and abroad, with a focus on the sciences. Most recently she served as a teacher of science and biology for grades 6-10 at Yangon Academy in Yangon, Myanmar. Prior to that, she taught a variety of science courses and environmental studies courses in China, Morocco, Kuwait, and Ecuador. Harriett received an M.A. in teaching biology and her teaching certificate from Washington University and a B.A. in biology from Earlham College. She is a past president of the Oak Ridge League of Women Voters and a member of Tennessee Citizens for Wilderness Planning, which is dedicated to achieving and perpetuating protection of natural lands and waters by means of public ownership, legislation, or cooperation of the private sector with a focus on the Cumberland and

Appalachian regions of Tennessee. Harriett lives in Oak Ridge and is interested in educational and environmental issues.

Otto Merz is a retired electrical foreman who worked at Pace Electric until September of 2021. He received an associate's degree in electrical from Milwaukee Area Technical College and maintains his electrical license from the State of Wisconsin and membership in the International Brotherhood of Electrical Workers Union, where he graduated from its apprenticeship program. Otto was previously active in community organizations in Wisconsin and, since moving to Tennessee, has joined the Norris Lake Project and Norris Lake Full-timers. He lives in La Follette and is interested in environmental and labor issues.

Christine Michaels is president of the Oak Ridge Chamber of Commerce. She received a bachelor of science in Public Relations from Empire State College and has an Economic Gardening Certification for entrepreneurial economic development and an Institute for Organization Management certification from the U.S. Chamber of Commerce. She is a member of several organizations including: the Anderson County Economic Development Board, Adventure Anderson County (tourism board), Altrusa Foundation Board, Flatwater Tales Storytelling Festival Committee, and the East Tennessee Economic Development Board. She is a Paul Harris Fellow with the Rotary Club. Christine lives in Oak Ridge and is interested in economic development and business issues.

**Charles Moore** is a source house technician with Mirion Technologies and is pursuing a degree in chemistry from Roane State Community College. He is interested in economic development and environmental issues. He lives in Knoxville.

Melanie Rogers is an assistant teacher at Oak Ridge City Schools, where she works with the Wildcat Preschool Program at Oak Ridge High School. She received a bachelor of science and master of science in education from the University of Cincinnati and has volunteered locally at the American Museum of Science and Energy and Horse Haven of Tennessee. Melanie lives in Oak Ridge and is interested in educational issues and public health.

**Tonya Shannon** works in accounts payable in the finance department for Morgan County and serves as a funeral director through Service Corp. International. She is also a trustee assistant with the Morgan County Trustee Office. She received an A.S. degree in human services from Jefferson Community College. She is a member of the Tennessee Funeral Directors Association and has insurance licensure from Kaplan Financial Education. Tonya lives in Wartburg and is interested in public health and civic issues.

Michael Sharpe is a SharePoint administrator and performs other technology- and web-based tasks for Oak Ridge Associated Universities, which manages the Oak Ridge Institute for Science and Education for DOE. It provides science, education, workforce development, and health services that include some OREM areas such as decontamination verifications to support cleanup. He received a B.S. in business administration from Tusculum University and an A.S. in computer programming from ITT Technical Institute. He is interested in civic and environmental issues and lives in Lenoir City.

**Kelli Thompson** retired as an attorney from a Knoxville law firm in 2015, but has continued a limited solo practice. She is also a photographer with a particular interest in public nature areas, including those on the DOE Oak Ridge Reservation. Kelli received a juris doctorate from the University of Tennessee in 1989 and a bachelor of science in Business Administration from Tennessee Technological University in 1986. She has authored legal materials for several publications and taught seminars on a variety of legal topics. She is a member of the Oak Ridge Environmental Quality Advisory Board and currently serves as

president for the board of directors for the Appalachian Arts Crafts Center. She has been active in the community in several other organizations in the past. She lives in Oak Ridge and is interested in civic and environmental issues.

**Thomas Tuck** is a banking executive with TNBank. He served as president of the bank since 1995 and in March of 2020 transitioned to part-time employment as part of a leadership transition/retirement. He received a bachelor of science in business and marketing from the University of Tennessee and is a Certified Banker through the School of Banking of the South. He is a member of boards of directors for local organizations including the Oak Ridge Chamber of Commerce, Oak Ridge Heritage & Preservation Association, and the East Tennessee Economic Council. He is a member of the Y-12 Community Relations Council. He lives in Knoxville and is interested in civic issues and economic development.

#### Dennis Mayton professional bio

Dennis is the senior project manager for the new Environmental Management Disposal Facility landfill and existing landfills for the Oak Ridge Environmental Management office. Previously he managed the Groundwater Program. He has been with DOE since 2015.

Prior to his time with the DOE, he was the Environmental Restoration Manager at the Holston Army Ammunition Plant in Kingsport, Tennessee. Dennis also has previous experience managing environmental cleanup and engineering projects for U.S. Army Corps of Engineers and in the private sector with CERCLA cleanup at Army Sites.

Dennis has a degree in Geology from the University of Tennessee, Knoxville. He served in the U.S. Air Force for four years.



## Oak Ridge Site Specific Advisory Board

April 2025

#### **Topic: Ongoing Efforts to Assure Waste Disposal Capacity**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	Executive Committee meeting - 4 p.m. (virtual)	3	4	5
6	7	8	<b>9</b> Full Board Meeting – 6 p.m. (hybrid)	10	11	12
13	14	15	16	17	18	19
20	21	22	EM & Stewardship Committee meeting—6 p.m. (hybrid)	24	25	26
27	28	29	30			

For information about attending meetings virtually or in person, please email <a href="mailto:orssab@orem.doe.gov">orssab@orem.doe.gov</a> at least 1 week prior to the scheduled meeting.

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



## Oak Ridge Site Specific Advisory Board

## May (draft)

2025

Topic: FY 2027 Budget Development/prioritization input

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	<b>7</b> Executive Committee meeting – 4 p.m. (virtual)	8	9	10
11	12	13	14 Full Board Meeting – 6 p.m. (hybrid)	15	16	17
18	19	20	21	22	23	24
25	26	27	28 EM & Stewardship Committee meeting— 6 p.m. (hybrid)	29	30	31

For information about attending meetings virtually or in person, please email <a href="mailto:orssab@orem.doe.gov">orssab@orem.doe.gov</a> at least 1 week prior to the scheduled meeting.

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



Many Voices Working for the Community

## Oak Ridge Site Specific Advisory Board

Monthly Meeting of the Oak Ridge Site Specific Advisory Board

#### DRAFT November 13, 2024, Full Board Monthly Meeting Minutes

The Oak Ridge Site Specific Advisory Board (ORSSAB) held monthly full board meeting virtually via Zoom and in person at 1 Science.gov Way on Wednesday, November 13, 2024, at 6 p.m. Copies of referenced meeting materials are attached to these minutes. A video of the meeting was made and is available on the board's YouTube site at <a href="https://www.youtube.com/user/ORSSAB/videos">www.youtube.com/user/ORSSAB/videos</a>.

#### **Members Present**

Kris Bartholomew
Mary Butler
Harold Conner, Jr.
Paul Dill
Rosario Gonzalez

Harriett McCurdy
Charles Moore
Tonya Shannon
Tom Tuck

#### **Members** Absent

Raiyan Bhuiyan<sup>1</sup>
Laure Clark
Amy Jones
Noah Keebler<sup>1</sup>
Mike Mark<sup>1</sup>
Thomas McCormick
Christine Michaels
Michael Sharpe
Lauren LaLuzerne

#### Liaisons, Deputy Designated Federal Officer, and Alternates Present

Jay Mullis, DOE Oak Ridge Office of Environmental Management (OREM) General Manager Roger Petrie, ORSSAB Alternate DDFO, OREM Kristof Czartoryski, Tennessee Department of Environment and Conservation (TDEC) Samantha Urquhart-Foster, EPA Sarah Schaefer, Isotek

#### **Others Present**

Leah Alexander, OREM Steve Clemons, OREM Emily Day, UCOR

<sup>&</sup>lt;sup>1</sup>Third consecutive absence

Sierra Generette, UCOR Abby Hill, OREM Shelley Kimel, ORSSAB Staff Sara McManamy-Johnson, ORSSAB Staff Sarah Springer, UCOR

6 members of the public were present.

#### **Liaison Comments**

**Mr. Mullis** – Mr. Mullis opened his comments by giving members an update on recent OREM activities, including demolition work on Alpha 2 at Y-12 National Security Complex (Y-12), the conversion of a soil storage facility into a mercury remediation technology development facility, workforce development, and planned workshops on the \$42 million Natural Resource Damage Assessment Settlement.

Mr. Roger Petrie - None.

Mr. Czartoryski – None.

Samantha Urquhart-Foster – None.

#### **Presentation**

Ms. McCurdy introduced Isotek's Sarah Schaefer to present on the Uranium (U)-233 Disposition Project.

Ms. Shaefer began by discussing the history of the U-233 Disposition Project, which began in 2003. She said the first several years of the project mainly involved design and programmatic development work, and management of Building 3019 at Oak Ridge National Laboratory (ORNL) began in 2007. She then described the history of Building 3019 and how it came to be designated as the U-233 repository.

Ms. Shaefer told members that the inventory stored at the facility is a heterogeneous inventory comprised containers of varying shapes, sizes, and configurations of solid material, which proved challenging in designing a way to process all those different containers in a facility dating back to 1943. Due to that, DOE undertook an alternative analysis and determined that about half the material could be directly dispositioned without any processing, and that the remaining half would need processing to meet security and safety requirements. She then described some of the direct disposition activities that occurred from 2011 onwards.

Next, Ms. Schaefer discussed the extraction of thorium (Th)-229 from U-233 and the partnership between Terrapower, Isotek, and DOE that allows Th-229 to be extracted during the disposition process and then used in medical research. To accomplish this, she said, DOE constructed shielded gloveboxes in a building near 3019 that had been unused since 2006.

Ms. Shaefer then showed members a video that provided an overview of the U-233 processing campaign.

Next, Ms. Shaefer gave additional details about processing in hot cells, including the timeline of work, specific challenges encountered, and results before then going into additional detail about the medical uses for the extracted thorium.

#### Board members asked the following questions:

- Mr. Conner asked what is done with the spent uranyl nitrate. He then asked what type of resin is used in the solidification process.
  - Ms. Schaefer said it is downblended with the remaining spent uranium to a ratio of 150 to 1. She said there is about a three-week process cycle at the end of which, the material is tested to confirm it meets waste acceptance criteria in Nevada and then solidified and prepped for shipment. Ms. Shaefer gave additional details about the solidification process and how resin is used in it.
- Mr. Conner asked if any of the treatments using the extracted thorium have been used in the U.S. for prostate cancer.
  - o Ms. Schaefer said not that she was aware of.
- Mr. Mullis asked Ms. Schaefer how many doses 40 grams of thorium equates to.
  - o Ms. Shaefer said it equates to about 500,000 doses a year.
- Mr. Conner asked if this is the only facility in the U.S. extracting thorium.
  - o Ms. Schaefer said it is.

#### **Public Questions**

- Mr. Luther Gibson asked about reports of two personnel contaminated at the depleted uranium nitrate tank.
  - Ms. Schaefer gave additional information about the referenced occurrence and safety protocols.

#### **Public Comment**

• Public Comment #1 – Mr. Luther Gibson gave the following public comment:

I'm Luther Gibson, as you know, a former member of the board. I continue to review meeting materials from the other SSABs, make observations regarding the topics presented. And you know by now it's not a secret that I'm not a fan of the single issue each month at the board meetings. At the Idaho advisory board meeting on October 23<sup>rd</sup>, they received the following presentations: One was an Idaho cleanup project overview; another was a 10-year plan and budget overview which listed and detailed the individual task orders in the contract; they had an

update on their Idaho CERCLA disposal facility expansion of the existing cells; they had an engineering evaluation and cost analysis for d&d for a naval reactor facility prototype; and they did a CERCLA overview on groundwater, including one that they're doing in situ bioremediation like what we're doing here, and maybe a unique problem to have, they have expanded site hunting boundaries.

They had a four-page public outreach summary of events that occurred, including visits by officials, outreach events to the media, naming contacts public affairs made, and other public meetings and documents that are undergoing comments or have been released, such as the Annual Radionucleotide Emissions Report and the Annual Site Environmental Report.

Their meetings appear to be about three times a year, and they meet all day or at least in the afternoon, and they have about 5 or 6 presentations. So arguably, they're getting as many presentations in a day as you're getting in a year.

I'll switch gears here to another thing: ORSSAB boards and committee meeting dates have been reviewed in the past, and in 2000 the board meeting was changed from the first Wednesday to the second Wednesday, and there was discussion about Wednesdays, but it was kept at that although some people had other preferences. But I'd like to suggest now is maybe considering moving the committee meeting to the following week, not two weeks later, as we did back in past.

#### Public Comment #2 – Mr. Doug Colclasure gave the following public comment:

Obviously, the end state is a big part of all of our conversations for the site here. You may be interested for the board to know one of the states is a new uranium processing facility. The construction on that started a week ago, and yesterday they moved the heavy equipment on site, the Triso-X facility, that's nearing – I believe the NRC's given them a permit – but it's close; it's right here in town. The impetus for Triso to start was \$500 million from Amazon, so it's a pretty serious project and it's 8 miles, 10 miles from us right here. Two weeks ago, TVA was in Oak Ridge, Chairman Jeff Lyash and senior staff, presenting their integrated resource plan. It's open for public comment, and given the amount of energy used in Oak Ridge, I think it would be good to be part of the process. If you weren't at the public scoping meeting, it was two hours, excellent questions, very responsive TVA staff, totally knowledgeable engineers, and six different major computer models trying to predict the power needs for the next 25 years and generating resources to meet those.

An item I wanted to mention is the City of Oak Ridge has just launched their comprehensive planning process, which hasn't been completed in 25 or 30 years or longer, so given the presence of the site, I think someone from the board may want to be a part of that if you weren't already.

The fourth item is greenways – imagine a greenways guy wanting to talk about greenways – but I think we should focus on how this site and the parcels that are released for reindustrialization are connected to a greenway system. For example, the Blount County municipalities have an organization called Blount Partnership, Brian Daniels is chairing that, he's the president, and he

made a presentation at the McGhee-Tyson board meeting not long ago, where he was working with McGhee-Tyson to get a greenway across there. And he made the point that the Blount Partnership promises every new company connection to their greenway system. So I'd like for the board to keep that in mind as a recommendation as far as release of properties for reindustrialization.

#### **Board Business/Motions**

- Mr. Bartholomew asked for a motion to approve meeting minutes for the October monthly meeting.
  - o 11.13.24.1 Motion to approve the October 9, 2024, meeting minutes. Motion made by Mr. Moore and seconded by Mr. Conner. Motion passed.

#### Responses to Recommendations & DDFO Report

Mr. Petrie said there were no open recommendations. He said headquarters approved two site appointments to fill vacancies on the board; one is Lauren LaLuzerne and the other is Laure Clark.

#### **Committee Reports**

<u>Executive</u> – Mr. Bartholomew said the executive committee discussed new member recruitment and asked members to contact staff if they know of anyone interested in joining. He said the committee also discussed a holiday gathering for the board. The next executive committee meeting is set for February 5.

EM & Stewardship – Mr. Moore said there is nothing to report, and the next meeting is scheduled for March 26.

#### Additions to the Agenda & Open Discussion

None.

#### **Action Items**

None

The meeting adjourned at 6:58 p.m.

I certify that these minutes are an accurate account of the November 13, 2024, meeting of the Oak Ridge Site Specific Advisory Board.

Amy Jones, Chair

Harriett McCurdy, Secretary

April 9, 2025

Oak Ridge Site Specific Advisory Board

AJ/sbm

## FY 2025 ORSSAB Work Plan/Schedule

d Executive meeting 4-5 p.m.  Monthly meeting 6-7:30 p.m.	Site tour	EM/Stewardship meeting 6-7 p.m.
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			APRIL 2025			
Wed., 4/2	Executive	General Business				DOEIC
Wed. 4/9	Monthly meeting	Ongoing Efforts to Assure Waste Disposal Capacity	Optional	Mayton	Bartholomew, Butler, Dill, Jones, Michaels, Moore, Sharpe, Tuck	DOEIC
	Site tour	(No site tour)				
Wed., 4/23	EM/Stewardship	Continued Discussion on Ongoing Efforts to Assure Waste Disposal Capacity		Mayton	As above	
			MAY 2025			
Wed., 5/7	Executive	General Business				DOEIC
Wed., 5/14	Monthly meeting	FY 2027 Budget Development/prioritization input	Yes	Thompson	Butler, Conner, Dill, Jones, McCurdy, Moore, Tuck	DOEIC
TBD	Site tour	(No site tour)				
Wed., 5/28	EM/Stewardship	Continued discussions on FY 2027 Budget Development/prioritization input		Thompson	As above	DOEIC
			<b>JUNE 2025</b>			
Wed., 6/4	Executive	General Business				DOEIC
Wed., 6/11	Monthly meeting	Excess Facilities Risk Reduction of Activities at Oak Ridge National Laboratory (ORNL) and Y-12 National Security Complex	Optional	Vestal	Bartholomew, Butler, Conner, Jones, McCurdy, Michaels, Moore, Rogers, Sharpe, Thompson	DOEIC
TBD	Site tour	On-site tour/Q&A		Petrie/ Carden/ Vestal		TBD
Wed., 6/25		Continued Discussion on Excess Fa Reduction at Oak Ridge National L		Carden/ Vestal	As above	DOEIC
			JULY 2025			
Wed., 7/2	Executive	(No meeting)				DOEIC
Wed., 7/9	Monthly meeting	(No meeting)				
	Site tour	(No site tour)				
Wed., 7/23	EM/Stewardship	(No meeting)				DOEIC

### FY 2025 ORSSAB Work Plan/Schedule

			AUGUST 2025			
Wed., 8/6	Executive	Annual Planning Meeting				DOEIC
Wed., 8/13		(In lieu of ORSSAB monthly meeting) FY2025 review and planning for FY2026		DOE/EPA/ TDEC liaisons	N/A	DOEIC
	Site tour	(No site tour)				
Wed., 8/28	EM/Stewardship	(No meeting)				
			SEPTEMBER 2025			
Wed., 9/3	Executive	General Business				DOEIC
	meeting	East Tennessee Technology Park Main Plant Groundwater Remedy Selections	Optional		Bartholomew, Butler, Jones, McCormick, McCurdy, Michaels, Moore, Sharpe, Thompson	
TBD	Site tour	On-site tour/Q&A		Petrie/ Scheffler		TBD
Wed., 9/24	, .	Continued Discussion on East Tennessee Technology Park Main Plant Groundwater Remedy Selections		Scheffler	As above	DOEIC



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
26	11/6/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Federal Facility Agreement Appendix E Milestone Extensions for the Record of Decision for Soil, Buried Waste, and Subsurface Structure Actions in Zone 2 East Tennessee Technology	DOEIC, Notified board officers of receipt
27	11/8/2024	Petrie, DOE	Young, TDEC	TDEC Comments: Addendum 3 (Exposure Unit 22-38) to the Fiscal Year 2009 Phased Construction Completion Report for Zone 2 Exposure Units 11, 12, 17, 18, 29, and 38 at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2415&D2/A3)	DOEIC, Notified board officers of receipt
28	11/8/2024	Petrie, DOE	Young, TDEC	TDEC Comment Letter: 2024 Five-Year Review for the Upper East Fork Poplar Creek and Chestnut Ridge Administrative Watersheds and the Lower East Fork Poplar Creek and Oak Ridge Associated Universities South Campus Facility Operable Units on the U.S. Department of Energy Oak Ridge Site, Oak Ridge Tennessee (DOE/OR/01-2962&D1)	DOEIC, Notified board officers of receipt
29	11/8/2024	Petrie, DOE	Young, TDEC	TDEC Approval: Federal Facility Agreement Extension Request (October 31, 2024) for Explanation of Significant Differences for the Record of Decision for the Disposal of Oak Ridge Reservation Comprehensive Environmental Response, Compensation, and Liability Act of 1980 Waste, Oak Ridge, Tennessee: Clean Water Act (DOE/OR/01- 2972&D2)	DOEIC, Notified board officers of receipt
30	11/12/2024	Urquhart- Foster, EPA; Young, TDEC	Petrie, DOE	Submittal of Proposed Changes to The Federal Facility Agreement Enforceable Appendix J Milestones	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
31	11/12/2024	Urquhart- Foster, EPA; Young, TDEC	Henry, Petrie, DOE	Response to the Request to Extend the Federal Facility Agreement Date for the Fiscal Year 2024 Phased Construction Completion Report for the Oak Ridge Reservation Environmental Management Waste Management	DOEIC, Notified board officers of receipt
32	11/12/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for The Remedial Investigation Work Plan for White Wing Scrap Yard (Waste Area Grouping 11), Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01- 2970&D2)	DOEIC, Notified board officers of receipt
33	11/13/2024	Urquhart- Foster, EPA; Young, TDEC	Daffron & Petrie, DOE	Transmittal of The Addendum to Phased Construction Completion Report For Liquid and Gaseous Waste Operations at The Oak Ridge National Laboratory, Oak Ridge, Tennessee: Facility and Equipment Pre-Demolition/Small-Scale Demolition (DOE/OR/01-2875&D1/A2)	DOEIC, Notified board officers of receipt
34	11/13/2024	Urquhart- Foster, EPA; Young, TDEC	Daffron & Petrie, DOE	Transmittal of The Erratum to The Fiscal Year 2024 Phased Construction Completion Report for The Oak Ridge Reservation Environmental Management Waste Management Facility (DOE/OR/01-2968&D2)	DOEIC, Notified board officers of receipt
35	11/13/2024	Petrie, DOE	Froede, EPA	DOE ETTP Roadmap - Clarifying EPA's Perspective	DOEIC, Notified board officers of receipt
36	11/13/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval of the FFA Extension Request for the Explanation of Significant Differences (ESD) for the ROD for the Disposal of ORR CERCLA Waste (DOE/OR/01-2972&D2), dated October 31, 2024	DOEIC, Notified board officers of receipt
37	11/14/2024	Jones, A., ORSSAB	Snyder, DOE	EM Response to EM SSAB Chairs Recommendation Regarding Websites	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
38	11/15/2024	Urquhart- Foster, EPA; Young, TDEC	Hill, DOE	Transmittal of the Final Covenant Deferral Request for the Proposed Title Transfer of Portions of Exposure Units (EUs) Z2-32, Z2-33, and Z2-41, and All of Z2-37 and Z2-42	DOEIC, Notified board officers of receipt
39	11/18/2024	Hastings, Kairos Power LLC	Petrie, DOE	U.S. Department of Energy Approval of the Kairos Power LLC Amended Groundwater Management Approach for the Hermes Site	DOEIC, Notified board officers of receipt
40	11/19/2024	Petrie, DOE	Young, TDEC	TDEC Comments Re: Submittal of Proposed Changes to the Federal Facility Agreement Enforceable Appendix J Milestones Dated November 12, 2024	DOEIC, Notified board officers of receipt
41	11/20/2024	Petrie, DOE	Young, TDEC	TDEC Approval: Fiscal Year 2024 Phased Construction Completion Report for the Oak Ridge Reservation Environmental Management Waste Management Facility (DOE/OR/01- 2968&D2)	DOEIC, Notified board officers of receipt
42	11/20/2024	Petrie, DOE	Sayer, EPA	EPA Approval of FY2024 PCCR for the EMWMF	DOEIC, Notified board officers of receipt
43	11/20/2024	Petrie, DOE	Young, TDEC	TDEC Approval of Federal Facility Agreement Milestone Extension Request for the Remedial Investigation Work Plan for White Wing Scrap Yard (Waste Area Grouping 11), Oak Ridge, Tennessee (DOE/OR/01- 2970&D2)	DOEIC, Notified board officers of receipt
44	11/20/2024	Petrie, DOE	Sayer, EPA	EPA Approval of FY2024 PCCR for the EMWMF	DOEIC, Notified board officers of receipt
45	11/21/2024	Petrie, DOE	Young, TDEC	TDEC Approval of Extension Request to Complete Review of the Record of Decision for Final Soil Actions in Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2711&D4)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
46	11/21/2024	Urquhart- Foster, EPA; Young, TDEC	Hill, DOE	Updated Transmittal of the Final Covenant Deferral Request for the Proposed Title Transfer of Portions of Exposure Units (EUs) Z2-32, Z2-33, and Z2-41, and All of Z2-37 and Z2-42	DOEIC, Notified board officers of receipt
47	11/22/2024	Petrie, DOE	Young, TDEC	TDEC Approval of Federal Facility Agreement Appendix E Milestone Extensions for the Record of Decision for Soil, Buried Waste, and Subsurface Structure Actions in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2161&D2)	DOEIC, Notified board officers of receipt
48	11/22/2024	Urquhart- Foster, EPA; Young, TDEC	Henry, Petrie, DOE	Transmittal of The Waste Handling Plan for The Demolition of The Beta-1 Complex Located at The Y-12 National Security Complex, Oak Ridge, Tennessee (DOE/OR/01- 2883&D2)	DOEIC, Notified board officers of receipt
49	11/25/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for The Addendum to The Zone 1 Groundwater Plumes Remedial Investigation Work Plan for The K-1085 Old Firehouse Burn Area, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
50	11/25/2024	Petrie, DOE	Poe, EPA	EPA Response to the DOE Response to Comments on the Remedial Investigation Work Plan for White Wing Scrap Yard (Waste Area Grouping 11), Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01-2970&D1)	DOEIC, Notified board officers of receipt
51	11/22/2024	Petrie, DOE	Young, TDEC	TDEC Comment Letter for Bear Creek Valley Mercury Sources Remedial Site Evaluation for the U.S. Department of Energy Oak Ridge Site Oak Ridge, Tennessee (DOE/OR/01-2977&D1)	



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
52	11/27/2024	Petrie, DOE	Young, TDEC	TDEC Comments RE: Transmittal of the PCCR for Remaining Pre- Demolition Activities and Demolition of Building 3005, the Low Intensity Test Reactor at the ORNL (DOE-OR-01- 2963&D2)	DOEIC, Notified board officers of receipt
53	11/27/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: East Tennessee Technology Park (ETTP) Administrative Watershed Remedial Action Report Comprehensive Monitoring Plan, Oak Ridge, Tennessee (DOE/OR/01- 2477&D4/M1)	DOEIC, Notified board officers of receipt
54	11/27/2024	Petrie, DOE	Poe, EPA	EPA Comments on the Explanation of Significant Differences for The Record of Decision for Phase II Interim Remedial Actions for Contaminated Soils and Scrapyard in Upper East Fork Poplar Creek, Oak Ridge, Tennessee: Addition of Exposure Units 15, 16, And 17 (DOE/OR/01-2979&D1)	DOEIC, Notified board officers of receipt
55	12/2/2024	Urquhart- Foster, EPA; Young, TDEC	Daffron & Petrie, DOE	Transmittal of the 2024 Remediation Effectiveness Report for the U.S. Department of Energy Oak Ridge Site Oak Ridge, Tennessee (DOE-OR-01- 2960&D2)	DOEIC, Notified board officers of receipt
56	12/3/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Explanation of Significant Differences for the Record of Decision for Soil, Buried Waste, and Subsurface Structure Actions in Zone 2, ETTP (DOE/OR/01-2964&D1)	DOEIC, Notified board officers of receipt
57	12/3/2024	Burchfield & Huffman, DOE	Lutz, TDEC	TDEC Comments Re: Tennessee Department of Environment and Conservation (TDEC), Division of Remediation - Oak Ridge Office (DoR- OR) Fiscal Year 25 Environmental Monitoring Plan (FY25 EMP), July 1, 2024, through June 30, 2025	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
58	12/4/2024	Petrie, DOE	Young, TDEC	TDEC Comments RE: Phased Construction Completion Report for Exposure Unit Z2-13 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2983&D1)	DOEIC, Notified board officers of receipt
59	12/5/2024	Petrie, DOE	Young, TDEC	TDEC Comments RE: Federal Facility Agreement Milestone Extension Request for the Addendum to the Zone 1 Groundwater Plumes Remedial Investigation Work Plan for the K-1085 Old Firehouse Burn Area, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
60	12/5/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA Denial and Rationale Regarding ID 12773 Milestone Extension Request	DOEIC, Notified board officers of receipt
61	12/5/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Federal Facility Agreement Milestone Extension Request for the Remedial Investigation Work Plan for White Wing Scrap Yard (Waste Area Grouping 11), Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01- 2970&D2) [ID 12740]	DOEIC, Notified board officers of receipt
62	12/6/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Federal Facility Agreement Appendix E Milestone Extensions for the Record of Decision for Soil, Buried Waste, and Subsurface Structure Actions in Zone 2 East Tennessee Technology (DOE/OR/01-2161&D2) [ID 12716]	DOEIC, Notified board officers of receipt
63	12/6/2024	Petrie, DOE	Sayer, EPA	EPA Comments on the D1 Bear Creek Valley Mercury Sources Remedial Site Evaluation for the U.S. Department of Energy Oak Ridge Site, Oak Ridge, Tennessee (DOE/OR/01-2977&D1)	-



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
64	12/9/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Revised Federal Facility Agreement Milestone Extension Request for the Addendum to the Zone 1 Groundwater Plumes Remedial Investigation Work Plan for the K- 1085 Old Firehouse, ETTP (DOE/OR/01-2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
65	12/9/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Proposed Changes to The Federal Facility Agreement Enforceable Appendix J Milestones	DOEIC, Notified board officers of receipt
66	12/9/2024	Petrie, DOE	Urquhart-Foster, EPA	EPA approval of 12/9 extension request for Z1 Groundwater RIWP Addendum to the Zone 1 Groundwater Plumes Remedial Investigation Work Plan for the K-1085 Old Firehouse Burn Area, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
67	12/11/2024	Petrie, DOE	Young, TDEC	Federal Facility Agreement Milestone Extension Request for the Addendum to the Zone 1 Groundwater Plumes Remedial Investigation Work Plan for the K-1085 Old Firehouse Burn Area, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
68	12/11/2024	Urquhart- Foster, EPA; Young, TDEC	Henry, Petrie, DOE	Transmittal of The Action Memorandum for North Tributary-8 at The Y-12 National Security Complex Bear Creek Burial Grounds, Oak Ridge, Tennessee (DOE/OR/01- 2986&D2)	DOEIC, Notified board officers of receipt
69	12/16/2024	Urquhart- Foster, EPA; Young, TDEC	Mayton & Petrie, DOE	Submittal of the Baseline Groundwater Monitoring Report for the Environmental Management Waste Management Facility, Oak Ridge, Tennessee (DOE-OR-01- 2021&D4)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
70	12/19/2024	Petrie, DOE	Young, TDEC	TDEC Approval Letter Approval of the 2024 Remediation Effectiveness Report for the U.S. Department of Energy Oak Ridge Site. Oak Ridge. Tennessee (DOE/OR/01-2960&D2)	DOEIC, Notified board officers of receipt
71	12/19/2024	Petrie, DOE	Young, TDEC	TDEC Letter for the Action Memorandum for North Tributary-8 at the Y-12 National Security Complex Bear Creek Burial Grounds, Oak Ridge, Tennessee (DOE/OR/01- 2986&D2)	DOEIC, Notified board officers of receipt
72	12/19/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of The Federal Facility Agreement Appendix I-5 Information Assessment for White Wing Scrap Yard, Oak Ridge, Tennessee (DOE/OR/01-2978&D1)	DOEIC, Notified board officers of receipt
73	12/20/2024	Petrie, DOE	Young, TDEC	TDEC Comments: Transmittal of the Waste Handling Plan for the Demolition of the Beta-1 Complex Located at the Y-12 National Security Complex, Oak Ridge, Tennessee (DOE/OR/01-2883&D2)	DOEIC, Notified board officers of receipt
74	12/20/2024	Urquhart- Foster, EPA; Young, TDEC	Hill, DOE	Transmittal of The Final Covenant Deferral Request for The Proposed Title Transfer of The Zone 1 Portion of The Black Oak Ridge Conservation Easement and Exposure Units Z1-77, Z1-78, And Z1-79 at The East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2954) For Regulatory Concurrence	DOEIC, Notified board officers of receipt
75	12/18/2024	Petrie, DOE	Jones, EPA	Environmental Protection Agency's approval of the Covenant Deferral Request (CDR) for the Proposed Title Transfer of Portions of Exposure Units (EUs) Z2-32, Z2-33, and Z3-42 and all of Z2-37 and Z2-42 at the East Tennessee Technology Park (DOE/OR/01-2924)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
76	12/30/2024	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for The Final Phased Construction Completion Report for Exposure Units Z2-20, Z2- 21, and Z2-22 in Zone 2, East Tennessee Technolo-gy Park, Oak Ridge, Tennessee (DOE/OR/01- 2991&D0)	DOEIC, Notified board officers of receipt
77	1/6/2025	Urquhart- Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for the 7025 Area Phased Construction Completion Report	DOEIC, Notified board officers of receipt
78	1/7/2025	Petrie, DOE	Young, TDEC	TDEC Comments Re: Transmittal of the Remedial Investigation Report for the Molten Salt Reactor Experiment, Oak Ridge, Tennessee (DOE/OR/01- 2956&D1)	DOEIC, Notified board officers of receipt
79	1/8/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Federal Facility Agreement Milestone Extension Request for the Final Phased Construction Completion Report for Exposure Units Z2-20, Z2-21, and Z2- 22 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2991&D1)	DOEIC, Notified board officers of receipt
80	1/8/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval Federal Facility Agreement Milestone Extension Request for Final Phased Construction Completion Re-port for Exposure Units Z2-20, Z2-21 and Z2- 22 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2991&D0)	DOEIC, Notified board officers of receipt
81	1/8/2025	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Addendum to the Final Zone 1 Remedial Investigation and Feasibility Study for a Supplemental Ecological Evaluation at the East Tennessee Technology Park (DOE/OR/01-2561&D3/A1/R1)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
82	1/14/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Federal Facility Agreement Milestone Extension Request for the 7025 Area Phased Construction Com-pletion Report	DOEIC, Notified board officers of receipt
83	1/8/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval Federal Facility Agreement Milestone Extension Request for the 7025 Area Phased Construction Completion Report	DOEIC, Notified board officers of receipt
84	1/8/2025	Petrie, DOE	Richards, EPA	EPA Comments: Remedial Investigation Report for The Molten Salt Reactor Experiment, Oak Ridge Site, Oak Ridge, Tennessee, Dated September 2024 (DOE/OR/01- 2956&D1), Oak Ridge Reservation Oak Ridge, Tennessee	DOEIC, Notified board officers of receipt
85	1/15/2025	Young, TDEC	Petrie, DOE	Approval of The Federal Facility Agreement Milestone Extension Request for the Record of Deci-sion for Final Soil Actions In Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2711&D4)	DOEIC, Notified board officers of receipt
86	1/17/2025	Urquhart- Foster, EPA; Young, TDEC	Petrie, DOE	Rescission of The Remedial Action Work Plan for The Disposal Of Oak Ridge Reservation Com-prehensive Environmental Response, Compensation, and Liability Act of 1980 Waste, Oak Ridge, Tennessee (DOE/OR/01-1874&D5)	DOEIC, Notified board officers of receipt
87	1/22/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Comments RE: Phased Construction Completion Report for Exposure Unit Z2-13 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2983&D1)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
88	1/22/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Addendum 6 (Attachment H-1 - Exposure Unit-4A Data Quality Objective Scoping Package) to the Remedial Design Report/Remedial Action Work Plan for Soils, Sediments, and Dy-namic Characterization Strategy for Bethel Valley, Oak Ridge, Tennessee (DOE/OR/01-2378&DS/ A6)	DOEIC, Notified board officers of receipt
89	1/23/2025	Petrie, DOE	Sayer, EPA	EPA Comments: Action Memorandum for North Tributary-8 at the Y-12 National Security Complex Bear Creek Burial Grounds, Oak Ridge, Tennessee (DOE/OR/01- 2986&D2)	DOEIC, Notified board officers of receipt
90	1/23/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: DOE Letter Dated January 17, 2025 Rescission of the RAWP for the Disposal of Oak Ridge Reservation CERCLA Waste (DOE-OR-01-1874&D5)	DOEIC, Notified board officers of receipt
91	1/28/2025	Petrie, DOE	Dawson, EPA	EPA Comments RE: Addendum 6 (Attachment H-1 – Exposure Unit-4A Data Quality Objective Scoping Package) to the Remedial Design Report/Remedial Action Work Plan for Soils, Sediments, and Dynamic Characteri-zation Strategy for Bethel Valley, Oak Ridge, Tennessee (DOE/OR/01-2378&D5/A6)	DOEIC, Notified board officers of receipt
92	1/21/2025	Mullis, DOE	Salyers, TDEC	CERCLA Section 120(h)(3)(C) Covenant Deferral Request ETTP - Portions of EUs 22-32, 22-33, and 22- 41, and All of 22-37 and 22-42	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
93	1/31/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Explanation of Significant Differences for the Record of Decision for Soil, Buried Waste, and Subsurface Structure Actions in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee: K-1064 Area Controlled Industrial End Use (DOE/OR/01-2964&D1)	DOEIC, Notified board officers of receipt
94	2/3/2025	Petrie, DOE	Jones, EPA	EPA Comments: Explanation of Significant Differences for the Record of Decision for Soil, Buried Waste, and Subsurface Structure Actions in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee: K-1064 Area Controlled Industrial End Use (DOE/OR/01-2964&D1)	DOEIC, Notified board officers of receipt
95	2/12/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Transmittal of the Addendum to Phased Construction Completion Report for Liquid and Gaseous Waste Operations at the Oak Ridge National Laboratory, Oak Ridge, Tennessee: Facility and Equipment Pre-Demolition/Small-Scale Demolition (DOE/OR/01-2875&D1/A1) (*Rescinded; replacement to be provided later)	DOEIC, Notified board officers of receipt
96	2/13/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Response -Rescission of the Remedial Action Work Plan for the Disposal of Oak Ridge Reservation Comprehensive Environmental Response, Compensation, and Liability Act of 1980 Waste, Oak Ridge, Tennessee (DOE/OR/01-1874&D5)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
97	2/13/2025	Petrie, DOE	Jones, EPA	Addendum to the Final Zone 1 Remedial Investigation and Feasibility Study for a Supplemental Ecological Evaluation the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2561&D3/A1/R1)	DOEIC, Notified board officers of receipt
98	2/18/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Transmittal of the Addendum to Phased Construction Completion Report for Liquid and Gaseous Waste Operations at the Oak Ridge National Laboratory, Oak Ridge, Tennessee: Facility and Equipment Pre-Demolition/Small-Scale Demolition (DOE/OR/01-2875&D1/A2) (*Replaces rescinded 2/12/25 item)	DOEIC, Notified board officers of receipt
99	2/19/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Addendum to the Final Zone 1 Remedial Investigation and Feasibility Study for a Supplemental Ecological Evaluation at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2561&D3/A1/R1)	DOEIC, Notified board officers of receipt
100	2/20/2025	Hill, DOE	Young, TDEC	Environmental Baseline Survey Report for Clean Parcel Determination for Self-Sufficiency Parcel 2 in the Vicinity of the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2987)	DOEIC, Notified board officers of receipt
101	2/21/2025	Petrie, DOE	Young, TDEC	Time-Critical Removal Action White Wing Scrap Yard (Waste Area Grouping 11), Oak Ridge Reservation	DOEIC, Notified board officers of receipt
102	2/24/2025	Petrie, DOE	Young, TDEC	Extension Request to Complete Review of the Record of Decision for Final Soil Actions in Zone 1, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2711&D4) (Zone 1 Final ROD)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
103	2/25/2025	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of Addendum 3 (Exposure Unit Z2-38) to the Fiscal Year 2009 Phased Construction Completion Report for Zone 2 Exposure Units 11, 12, 17, 18, 29, and 38 at East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2415&D2/A3/R1)	DOEIC, Notified board officers of receipt
104	2/25/2025	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Phased Construction Completion Report for Exposure Unit Z2-35 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2992&D1)	DOEIC, Notified board officers of receipt
105	2/25/2025	Petrie, DOE	Young, TDEC	Public Involvement Plan for Comprehensive Environmental Response, Compensation, and Liability Act Activities at the U.S. Department of Energy Oak Ridge Site (OREM-25-7656)	DOEIC, Notified board officers of receipt
106	1/27/2025	Urquhart- Foster, EPA; Young, TDEC	Petrie, DOE	Public Involvement Plan for Comprehensive Environmental Response, Compensation, and Lia- bility Act Activities at The U.S. Department of Energy Oak Ridge Site	DOEIC, Notified board officers of receipt
107	2/25/2025	Petrie, DOE	Young, TDEC	Public Involvement Plan for Comprehensive Environmental Response, Compensation, and Liability Act Activities at the U.S. Department of Energy Oak Ridge Site (OREM-25-7656)	DOEIC, Notified board officers of receipt
108	2/26/2025	Petrie, DOE	Young, TDEC	TDEC Comments: Baseline Groundwater Monitoring Report for the Environmental Monitoring at the Environmental Management Waste Management Facility, Oak Ridge, Tennessee (DOE/OR/01-2021&D4)	DOEIC, Notified board officers of receipt
109	2/27/2025	Urquhart- Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for the West Bethel Valley 4 Assess-ment Unit Phased Construction Completion Report	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
110	2/27/2025	Petrie, DOE	Sayer, EPA	EPA Comments RE: Baseline Groundwater Monitoring Report for the Environmental Management Waste Management Facility, Oak Ridge, Tennessee, Oak Ridge, Tennessee (DOE/OR/1-2021&D4)	DOEIC, Notified board officers of receipt
111	2/28/2025	Urquhart- Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for the Addendum to the Zone 1 Groundwater Plumes Remedial Investigation Work Plan for the K-1085 Old Firehouse Burn Area, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
112	3/3/2025	Urquhart- Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Transmittal of the Phased Construction Completion Report for Exposure Unit Z2-16 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2984&D1)	DOEIC, Notified board officers of receipt
113	3/3/2025	Urquhart- Foster, EPA; Young, TDEC	McIntosh & Petrie, DOE	Transmittal of the Addendum to the Phased Construction Completion Report for Exposure Unit Z2-30 in Zone 2, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2521&D2/A1)	DOEIC, Notified board officers of receipt
114	3/4/2025	Urquhart- Foster, EPA; Young, TDEC	Clemons & Petrie, DOE	Transmittal of Explanation of Significant Differences for the Record of Decision for Interim Actions in Bethel Valley, Oak Ridge, Tennessee: Addition of Facilities (DOE/OR/01- 2996&D1)	DOEIC, Notified board officers of receipt
115	3/5/2025	Urquhart- Foster, EPA; Young, TDEC	McIntosh, DOE	DOE 30 Day Extension- EU-Z2 PCCR (DOE/OR/01-2983&D2)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
116	3/5/2025	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the Explanation of Significant Differences for the Record of Decision for Phase IIIi Interim Remedial Actions for Contaminated Soils and Scrapyard in Upper East Fork Poplar Creek, Oak Ridge, Tennessee: Addition of Exposure Units 15, 16, And 17 (DOE/OR/01-2979&D2)	DOEIC, Notified board officers of receipt
117	3/6/2025	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Rescinding the Remedial Investigation Work Plan for White Wing Scrap Yard (Waste Area Grouping 11) for Oak Ridge Reservation	DOEIC, Notified board officers of receipt
118	3/10/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Federal Facility Agreement Milestone Extension Request for the Addendum to the Zone 1 Groundwater Plumes Remedial Investigation Work Plan for the K-1085 Old Firehouse Burn Area, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01- 2903&D2/A2/R1)	DOEIC, Notified board officers of receipt
119	3/11/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE: Re: Federal Facility Agreement Milestone Extension Request for the West Bethel Valley 4 Assessment Unit Phased Construction Completion Report	DOEIC, Notified board officers of receipt
120	3/12/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA Approval: Federal Facility Agreement Milestone Extension Request for the West Bethel Valley 4 Assessment Unit Phased Construction Completion Report	DOEIC, Notified board officers of receipt
121	3/12/2025	Urquhart- Foster, EPA; Young, TDEC	Vestal & Petrie, DOE	Federal Facility Agreement Milestone Extension Request for the Molten Salt Reactor Experiment Remedial Investigation Report and Feasibility Study Addendum	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
122	3/13/2025	Urquhart- Foster, EPA; Young, TDEC	Hill, DOE	Transmittal of the Final Addendum to Environmental Baseline Survey Report for Clean Parcel Determination for Self-Sufficiency Parcel 2 in the Vicinity of the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2987/A1)	DOEIC, Notified board officers of receipt
123	3/13/2025	Petrie, DOE	Jones, EPA	EPA Comments on the Record of Decision for Final Soil Action in Zone 1, East Tennessee Tech-nology Park, Oak Ridge, Tennessee (DOE/OR/01-2711&D4)	DOEIC, Notified board officers of receipt
124	3/14/2025	Urquhart- Foster, EPA; Young, TDEC	Carden & Petrie, DOE	Submittal of the Fiscal Year 2025 Phased Construction Completion Report for the Oak Ridge Res- ervation Environmental Management Waste Management Facility (DOE/OR/01-3002&D1)	DOEIC, Notified board officers of receipt
125	3/17/2025	Petrie, DOE	Jones, EPA	EPA approval for the Covenant Deferral Request for the Proposed Title Transfer of the Zone 1 Portion of the Black Oak Ridge Conservation Easement and Exposure Units Z1-77, Z1-78, and Z1-79 at the East Tennessee Technology Park, Oak Ridge Oak Ridge, Tennessee (DOE/OR/01- 2954)	DOEIC, Notified board officers of receipt
126	3/19/2025	Petrie, DOE	Urquhart-Foster, EPA	EPA approval of ID12805 FFA App I-5 WWSY	DOEIC, Notified board officers of receipt
127	3/20/2025	Petrie, DOE	Young, TDEC	TDEC Comment Letter for Appendix I-5 Information Assessment for White Wing Scrap Yard, Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/OR/01-2978&D1)	DOEIC, Notified board officers of receipt
128	3/20/2025	Urquhart- Foster, EPA; Young, TDEC	Hardin & Petrie, DOE	Transmittal of the PCCR for EU Z2-39 In Zone 2, ETTP, OR, TN (DOE/OR/01- 2995&D1)	DOEIC, Notified board officers of receipt



#	Date	То	From	Description	DOEIC, Notified board officers of receipt
129	3/21/2025	Petrie, DOE	Young, TDEC	TDEC Comments RE Addendum 3 (Exposure Unit Z2-38) to the Fiscal Year 2009 PCCR for Zone 2 Exposure Units 11, 12, 17, 18, 29, and 38 at ETTP (DOE-OR-01-2415&D2-A3-R1)	DOEIC, Notified board officers of receipt
130	3/21/2025	Awasthi & Czartoryski, TDEC	· ·	Site Treatment Plan For Mixed Wastes on the U.S. Department of Energy Oak Ridge Reservation – Submittal of the Annual Update (Version 29.1)	DOEIC, Notified board officers of receipt

#### **Travel Opportunities**

Meeting/Event	Dates	Location	Cost	Additional Info			
FY 2025							
Waste Management Symposium Requests: Bhuiyan*, Moore, Bartholomew^, Jones△	March 9-13	Phoenix, AZ	\$1490 by 12/31	www.wmsym.org			
National Environmental Justice Conference & Training Requests: Conner, McCurdy, Moore^	March 25-27		NA for gov't	http://thenejc.org			
2025 Spring Chairs Meeting Board officers preferred Requests: Jones, Bartholomew	Week of April 21	Virtual	NA				
RadWaste Summit Requests: Jones^,	June 10-12	Savannah, GA	\$775	https://www.exchangemonitor.com/g o/radwaste-summit-2025/			
DOE National Cleanup Workshop Requests: Moore^	TBD September						
2025 Fall Chairs Meeting Board officers preferred Requests: Bartholomew, Moore	Week of Oct. 27	Hanford, WA					
Shaded trips are closed	Due to the complexity of arranging government travel, please indicate your interest as soon as possible. Some events may book up to a year in advance.  If more members request to travel than an event will allow, the Executive Committee will choose attendees.						

<sup>^</sup>Defer to new attendees if space is limited



#### Oak Ridge Site Specific Advisory Board

#### TRIP REPORT

I. Name of Traveler: Charles A. Moore

II. **Date(s) of Travel:** 3-8-2025 through 3-14-2025

III. Location of Meeting: Phoenix, Arizona

IV. Name of Meeting: Waste Management Symposia

V. Purpose of Travel:

To attend the Waste Manage Symposia and to learn about the cleanup efforts, and challenges, that are taking place across the nation at different sites.

#### VI. Discussion of Meeting:

This was my first time attending this conference and, with that, I attended the recommended first-time attendees meeting. It was very packed, to my surprise, but the speaker made it seem as though it was a one-on-one type of session. Continuing on the first day of the conference, after the first-time attendee session concluded, we all gathered in the exhibit hall after registering and getting our program book which was unbelievably detailed and included all the information about the conference.

On the second day, Monday, is when the technical sessions started. One of the key points of this years Waste Management Symposia is that Oak Ridge was the featured site, and Canada the featured country. The first technical session I attended was on Hot Topics in US DOE Environmental Management. One of the speakers, Joel Bradburne – Manager for Portsmouth/Paducah Project Office, talked on how they have transferred 300 acres and an additional 200 acres will soon be included in that transfer. He also highlighted that a new enrichment site will be going to the Paducah location. Y-12 and Oak Ridge National Laboratory (ORNL) were briefly mentioned with the current projects of tearing down legacy buildings and the big one was Alpha-2 at Y-12. It was also noted that the current Secretary of Energy said Oak Ridge will play a key role in a new modern day Manhatton Project. For this session, Portsmouth was of great discussion. For example, it was talked about how Portsmouth has an issue with nickel, so they are looking at ways of recycling it for other uses. Another highlight, one which is quite important and impressive, is Joel Bradburne reporting that there have been 10 million safe work hours. Another speaker from this technical session, Erik Olds – Deputy Manager DOE Oak Ridge Office of EM, highlighted the "inevitable" shortage of workers and interest in getting involved with EM and safety, but highlighted he was happy to see some interest from the younger crowd present. Towards the end, Oak Ridge and Hanford was talked about by Kristen

Ellis – Associate Principal Deputy Assistant Secretary Office of Regulatory and Policy Affairs DOE-EM. Specifically due to the amount of Strontium-90 (Sr-90) material at ORNL being sent to Pennsylvania for the Department of Defense. The last point highlighted by Kristen was about Hanford having roughly 56 million gallons of waste.

Moving onwards on the second day, the next technical session was about WIPP and updates regarding the site. From a logistics standpoint, there have been a total of 17 million+ safe miles for transportation which is over 14,000 shipments. It is at 46% capacity, which is roughly 2.8 million cubic feet. 22 sites have been constructed with documentation submitted to PCR for panels 11 and 12. In 2024, submitted reports to NMED and got NM Waste Certification in April. Submitted class 2 permit modification request to add shielded containers. In 2025, submitted a revised community relations plan. Later this summer, will publish NEPA Supplemental Analysis for panels 13 through 19.

Next on the third day, Tuesday, my first technical session was directly tied to the featured site of this year: Oak Ridge. The panel was on The Role of Cleanup in Enabling Critical Missions on the Oak Ridge Reservation. Sarah Schaefer – Isotek President, she talked about the retrofitting of a building at ORNL and the supply of material to TerraPower Isotopes (TPI) through an agreement to process U-233 for Thorium extraction for TPI with having processed 533 canisters yielding 1.67 grams. 37% of the material has been processed and has yielded, so far, a total of 15 grams with a goal of 40 grams of Thorium. The purpose of extracting the Thorium is for targeted Alpha Therapies. Scott Claunch – President of TerraPower Isotopes (TPI), talked how they are converting the Thorium, specifically Th-229, into Ac-225, and how they are now doing weekly processing for Ac-225. Sarah also hinted at Y-12 being able to provide more material to be processed.

Continuing on the third day, the next session I attended was on Appropriations, Authorization, and Policy Decisions with cleaning up DOE Sites. One of the first things talked about was the FY 2026 budget and one of the panelists said when it is released, it would cause "earthquakes." The reason is since, at least at the time, cuts were potentially coming. It was also talked about how there's simply too much red tape today compared to 40 years ago. An example that was used is how it takes 15 years to open a new mine. It was also said that DOGE is at EM Sites, and that the budget will likely be released in the second quarter of 2025. Basically, the mentality is to get lean, and "remove wants" and replace with "needs." One of the critical things that could see cuts to would be HALEU production for the Gen IV nuclear reactors. If that happens, as one of the panelists said, "90% of the new nuclear reactor designs are kaput." Towards the end of this session, it was made clear that things will need to get lean so all projects will require accounting so that they can be prioritized as needed. One of the areas that could see a significant impact is the Hanford Site as it needs, if I heard correctly, \$15 billion a year.

On the last day, Wednesday, the first session I attended was on HLW Tank Management Programs at Hanford, Idaho, and Savanah River Site. The IWTV creates nitrogen on-site and creates solid beads on a few microns in diameter. At the Idaho site, they have significant Beta emitting waste. At Hanford, Mat Irwin – Direct Feel High Level Waste Vitrification, talked about how in 2006 the HLW and pretreatment construction was halted. He continued showing in 2022 HLW site was being prepared. In 2024, HLW Quality Assurance issues were resolved. 2025, the Consent Decree Amendment was approved. The HLW facility is currently in Design

Completion Period which is through 2027. The main goal for 2027 is to have at or more than 90% of the HLW and support facilities completed. It's also reported that legacy areas are being closed ahead of schedule. At Hanford, they have seen an increase of 350% of staff coming to work. For Hanford, they have a period from 2023 through 2028 that has been deemed the "Period of Performance" with now having over 30,000 drawings, calculations, and specifications. At the Savannah River Site, there is currently 34 million gallons of LWP (Liquid Waste) stored in tanks. Of that, sludge is only 8% but accounts for half of the radioactivity. The remaining 92% is salt. 2037 is the target year for LWP completion. Roughly 26.3 million curies of waste have been dispositioned. Have completed the GWSB (Glass Waste Storage Building) storage modifications to double stack 935 canisters. There will be roughly 8500 canisters once the sludge goes to be made into glass. At the end of the session, it was said that the Site is 7 months ahead of schedule and below budget by \$60 million with the current pace.

#### VII. Significance to ORSSAB:

Action Itames

IV

This conference allowed me to gain further insight into the cleanup efforts across the nation and partner nations. It also showcased the need of young professionals to take the reins, so to speak, because some of the panelists noted, humorously, that most of the people talking had gray hair.

#### **VIII.** Names & Telephone Numbers of Significant Contacts:

I will provide a link for this for the itinerary that shows all the technical sessions and who were the panelists and moderators. Please see below. Please note, there is an option to access the "flip book" on that link below and it is like a PDF of the actual program book I received.

https://www.xcdsystem.com/wmsym/program/dggpzKZ/index.cfm

1/1.	Action Items.			
Χ.	Traveler's Signature & Date:			
Signa	ature: (via e-mail is fine)	Date:	4/9/2025	

From: <u>Luther Vincent Gibson, Jr.</u>

To: Noe, Melyssa P

**Cc:** <u>Kimel, Shelley (CONTR)</u>; <u>Petrie, Roger</u>

**Subject:** [EXTERNAL] Public Comment to ORSSAB Meeting, April 9, 2025

**Date:** Tuesday, April 8, 2025 11:39:38 AM

I am Luther Gibson, former member and chair of the ORSSAB, retired in 2017 with over 40 years of experience as a DOE prime contractor employee in Uranium Enrichment, Environmental Management, and National Nuclear Security Administration programs. I might claim eight additional years of experience since but without a W-2 as evidence.

"Piques your interest" refers to a situation that gets your attention and makes you want to learn more.

I have become increasing concerned that correspondence among the Federal Facility Agreement (FFA) parties that is publicly available is not sufficiently piquing public interest in the issues and important details surrounding the projects, or even that some projects are underway. Copies of this correspondence are distributed to ORRSAB, the DOE Information Center through Administrative Record transmittals, and local government officials who may share it. A local official that chairs the Oak Ridge Reservation Communities Alliance posts correspondence involving TDEC and DOE on the organization's website. She once asked me if I read these and understood them. I said something to the effect that more background information helps.

When I was ORSSAB chair, I would meet with staff prior to each monthly board meeting and go through every item received, referring it to committee chairs, having it copied for the board meeting packet, or assuring its availability was noted in the incoming correspondence log.

The development of Remedial Investigation Work Plans provides a lengthy window during which there is exchange of comments and milestone extension requests as matters are resolved or not. Although I could go through a long list, just some recent activities that piqued my interest in topics not in the work plan include:

- After about a year of interaction among the FFA parties, a Remedial Investigation Work Plan for White Wing Scrap Yard was rescinded for a time-critical removal action to facilitate early property transfer. A time-critical removal action usually applies to situations where activities must begin within six months of discovering contamination in order to protect public health and safety. What gives here needs to be explained, including any schedule impact on the commercial project this is facilitating. The Action Memorandum under which DOE will proceed but without TDEC and EPA signatures should be interesting.
- There was a comment letter on an Appendix I-5 information assessment for White Wing Scrap Yard. That piqued my interest in what Appendix I-5 of the FFA says about how assessment of potential environmental impacts from classified contaminants must be considered while proceeding through the FFA decision-making process for remediation.
- Recently a D1 draft of a Remedial Investigation Work Plan for Bear Creek Valley Burial Ground was transmitted by DOE to the other parties. It is available to review.
- The 2025 Update to the Public Involvement Plan for CERCLA Activities at the U.S. Department of Energy Oak Ridge Site has been in progress.

Thank you for your attention. I hope some of these comments pique your interest.

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#### Abbreviations/Acronyms List for Environmental Management Projects

AM – action memorandum

ACM – asbestos containing material

ARARs – Applicable or Relevant and Appropriate Requirements

ARRA – American Recovery and Reinvestment Act

BCV - Bear Creek Valley

BG – burial grounds

BV - Bethel Valley

CARAR - Capacity Assurance Remedial Action Report

CART - carbon steel casing dollies

CBFO - Carlsbad Field Office

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act

CD - critical decision

CH - contact handled

CNF – Central Neutralization Facility

COLEX – column exchange

CS – construction start

CY – calendar year

D&D – decontamination and decommissioning

DARA - Disposal Area Remedial Action

DNAPL - Dense Non-Aqueous Phase Liquids

DOE – Department of Energy

DSA – documented safety analysis

DQO – data quality objective

EE/CA – engineering evaluation/cost analysis

EFPC – East Fork Poplar Creek

EM – environmental management

EMDF – Environmental Management Disposal Facility

EMWMF - Environmental Management Waste Management Facility

EPA - Environmental Protection Agency

EQAB – Environmental Quality Advisory Board

ETTP – East Tennessee Technology Park

EU – exposure unit

EV – earned value

FACA – Federal Advisory Committee Act

FCAP - Facilities Capability Assurance Program

FFA – Federal Facility Agreement

FFS - Focused Feasibility Study

FPD – federal project director

FY – fiscal year

GIS – geographical information system

GW - groundwater

GWTS – groundwater treatability study

HQ - Headquarters

HRE - Homogenous Reactor Experiment

IROD – Interim Record of Decision

ISD - In-Situ Decommissioning

LEFPC – Lower East Fork Poplar Creek

LGWO – Liquid and Gaseous Waste Operations

LLW - low-level waste

MLLW - mixed low-level waste

MSRE - Molten Salt Reactor Experiment

MTF - Mercury Treatment Facility

MV - Melton Valley

NaF - sodium fluoride

NDA - non-destructive assay

NEPA – National Environmental Policy Act

NNSS – Nevada National Security Site (new name of Nevada Test Site, formerly NTS)

NPDES - National Pollutant Discharge Elimination System

NPL – National Priorities List

OR – Oak Ridge

ORGDP - Oak Ridge Gaseous Diffusion Plant

OREIS – Oak Ridge Environmental Information System

OREM - Oak Ridge Office of Environmental Management

ORNL - Oak Ridge National Laboratory

ORO – Oak Ridge Office

OROP - Oak Ridge Oxide Processing

ORR - Oak Ridge Reservation

ORRR – Oak Ridge Research Reactor

ORRS – operational readiness reviews

PaR – trade name of remote manipulator at the Transuranic Waste

**Processing Center** 

PCB - polychlorinated biphenyls

PCCR – Phased Construction Completion Report

PM – project manager

PP – Proposed Plan

PPE – Personal Protective Equipment

QAPP - Quality Assurance Project Plan

RA - remedial action

RAR - Remedial Action Report

RAWP - Remedial Action Work Plan

RCRA – Resource Conservation Recovery Act

RDR – Remedial Design Report

RDWP – Remedial Design Work Plan

RER – Remediation Effectiveness Report

RFI - Request for Information

RGRS - Reactive Gas Removal System

RH – remote handled

RI/FS – Remedial Investigation/Feasibility Study

RIWP - Remedial Investigation Work Plan

RmAR - Removal Action Report

RmAWP - Removal Action Work Plan

ROD – Record of Decision

RSE - Remedial Site Evaluation

RUBB – trade name of a temporary, fabric covered enclosure

S&M – surveillance and maintenance

SAP - sampling analysis plan

SEC – Safety and Ecology Corp.

SEP – supplemental environmental project

STP – site treatment plan

SW – surface water

SWSA – solid waste storage area

Tc – technetium

TC – time critical

TDEC – Tennessee Department of Environment and Conservation

TRU – transuranic, an artificially made, radioactive element that has an atomic number higher than uranium in the periodic table

TSCA – Toxic Substances Control Act

TWPC – Transuranic Waste Processing Center

U – uranium

UEFPC – Upper East Fork Poplar Creek

**UPF** – Uranium Processing Facility

URS/CH2M – (UCOR) DOE's prime cleanup contractor

VOC - volatile organic compound

VPP – Voluntary Protection Plan

WAC – waste acceptance criteria

WEMA – West End Mercury Area (at Y-12)

WHP - Waste Handling Plan

WIPP - Waste Isolation Pilot Plant

WRRP – Water Resources Restoration Program

WWSY - White Wing Scrap Yard

X-10 – Oak Ridge National Laboratory (refers to the original reactor)

Y-12 - Y-12 National Security Complex

ZPR – Zero Power Reactor