

## Oak Ridge Site Specific Advisory Board

# **Annual Meeting**

Saturday, August 16, 2014 8:00 a.m. - 12:00 p.m. DOE Information Center 1 Science.Gov Way, Oak Ridge, TN

#### **OBJECTIVES**

- 1. Develop an increased understanding of and commitment to the goals of the board
- 2. Evaluate the effectiveness and achievements of FY 2014
- 3. Begin development of the FY 2015 work plan

\*Numbers in parentheses indicate minutes assigned to topic

## **AGENDA**

AGENDA				
8:00–8:05 Welcome (5)*  • Opening Remarks – David Hemelright  • Introduction of New Member Wanfang Zhou – Sue Cange				
8:05–8:15 Objectives, Logistics, Keys to Success – Jenny Freeman (10)				
8:15–8:35 DDFO Comments – Sue Cange (20)				
8:35–9:20 Board Operations – Jenny Freeman (45)				
9:20–9:40 Board Mission and Accomplishments – David Hemelright (20)  • Discussion of Topics for the Fall Chairs Meeting				
9:40–9:55 Break (15)				
9:55–11:35 Work Plan Topics Presentation & Discussion – Dave Adler, Connie Jones, Kristof Czartoryski (1:40)  Agency Suggestions & Suggestions from Members Committee Membership Sign-Up				
11:35–11:45 Wrap-up – Jenny Freeman <i>(10)</i>				
<ul> <li>11:45–11:50 Board Business (5)</li> <li>Presentation of the Slate of Candidates for FY 2015 Officers – N. Berry</li> <li>Vote on Chairs Recommendations – D. Hemelright</li> <li>Publicizing Environmental Management Successes</li> <li>Funding to Support Cleanup and Expedite Milestones</li> </ul>				
11:50–11:55 Public Comment Period <i>(5)</i>				
11:55–12:00 Closing Remarks – Melyssa Noe, David Hemelright (5)				



## **Overall FY 2014 Board Accomplishments**

- 1. Drafted recommendation on additional off-site groundwater migration studies (later approved by board). (EM/S) Suggested by DOE & EPA.
- 2. Drafted recommendation on additional waste disposal capacity on the ORR (later approved by board). (EM/S) Suggested by DOE, EPA & TDEC.
- 3. Follow the transition in long-term emphasis from cleanup to stewardship. (EM/S)
- 4. Held a joint meeting with the EM/Stewardship and Budget & Process Committees to develop a recommendation on the FY 2016 Oak Ridge EM budget request. Reviewed the FY 2014 ORSSAB budget allocation from DOE, and recommended distribution of funding among expense categories. Drafted recommendation on FY 2015 DOE OR EM Budget Request (with Budget & Process Committee) (later approved by board). (EM/S & B&P) Suggested by DOE.
- 5. Established an ORSSAB website on the new Internet platform that the Oak Ridge Environmental Management Program is now using. The new website will provide improved functionality and searchability, and will enhance compliance with DOE website guidance. (**PO**)
- 6. Published four Advocate newsletters. Began distribution of the Advocate newsletter to twenty-five libraries in the nine-county region around the Oak Ridge Reservation. (**PO**)
- 7. Made several improvements to the ORSSAB exhibit at the American Museum of Science and Energy. (**PO**)
- 8. Review the final SSAB bylaws template that DOE Headquarters is developing, and assist in restructuring the ORSSAB Bylaws to conform to the template. (**B&P**)

## **Environmental Management & Stewardship**

- 1. Successfully merged of the Stewardship and EM Committees
- 2. Drafted recommendation on additional off-site groundwater migration studies (later approved by board)
- 3. Drafted recommendation on additional waste disposal capacity on the ORR (later approved by board)
- 4. Drafted recommendation on FY 2015 DOE OR EM Budget Request (with Budget & Process Committee) (later approved by board)
- 5. Drafted recommendation on future use information on remediated parcels fact sheet.
- 6. Began inquiries on the acquisition, storage, and retention of EM data for future use.

## Carryover/FY 2015 Activities:

- 1. Monitor implementation long-term groundwater strategy.
- 2. Follow up on enhancing the acquisition, storage, and retention of EM data.
- 3. Follow development of additional waste disposal capacity on the ORR.
- 4. Follow planning and construction of mercury treatment plant at Y-12.
- 5. Monitor storage/disposition of transuranic waste and uranium-233.
- 6. Monitor continued cleanup at ETTP.
- 7. Follow the transition in long-term emphasis from cleanup to stewardship.

## **Budget & Process**

- 1. Reviewed the FY 2014 ORSSAB budget allocation from DOE, and recommended distribution of funding among expense categories.
- 2. Prepared the FY 2016 ORSSAB budget request for submittal to DOE.
- 3. Reviewed expenditure and travel requests.
- 4. Reviewed changes to the ORSSAB bylaws recommended by DOE Headquarters.
- 5. Held a joint meeting with the EM/Stewardship Committee to develop a recommendation on the FY 2016 Oak Ridge EM budget request.
- 6. Led planning efforts for the 2014 annual meeting and development of the 2015 work plan.

## Carryover/FY 2015 Activities:

- 1. Develop a draft recommendation on the FY 2017 Oak Ridge EM budget request.
- 2. Review the final SSAB bylaws template that DOE Headquarters is developing, and assist in restructuring the ORSSAB Bylaws to conform to the template.
- 3. Lead planning efforts for the 2015 annual meeting and development of the 2016 work plan.

## **Public Outreach**

- 1. Began distribution of the Advocate newsletter to twenty-five libraries in the nine-county region around the Oak Ridge Reservation.
- 2. Began running monthly newspaper ads in the Knoxville News Sentinel, Roane County News, and Loudon County News Herald, in addition to the Oak Ridger.
- 3. Made several improvements to the ORSSAB exhibit at the American Museum of Science and Energy:
- Completed work on the new waste management kiosk featuring five interactive programs that focus on waste management activities and challenges for the EM program.
- Created a circular 'welcome' sign above the 3-sided kiosk to help establish the overall theme of the exhibit in visitors' minds as they first enter the exhibit space.
- Began work on an updated ORSSAB poster that will include a touch-screen tablet that will feature the ORSSAB infomericals and other information about the board.
- Began work on a new "Cleaning Up the Oak Ridge Reservation" poster that will hang above the EM Waste Management Facility model.
- 4. Established an ORSSAB website on the new Internet platform that the Oak Ridge Environmental Management Program is now using. The new website will provide improved functionality and searchability, and will enhance compliance with DOE website guidance.
- 5. Updated the ORSSAB brochure to include information about applying for membership.
- 6. Revised the ORSSAB infomercials to incorporate new footage.
- 7. Made a number of improvements and updates to the ORSSAB Facebook and YouTube sites.
- 8. Staffed the ORSSAB booth at the Oak Ridge Earth Day festival.
- 9. Issued five news releases.
- 10. Published four Advocate newsletters.
- 11. Published the FY 2013 annual report.
- 12. Distributed ORSSAB monthly meeting videos to Knoxville, Oak Ridge, and Lenoir City cable stations.

## Carryover/FY 2015 Activities:

- 1. Consider outreach ideas from the spring 2014 SSAB chairs meeting
- 2. Core Public Outreach Committee Issues
  - Secret City/Earth Day
  - Select/identify area groups for speaking about SSAB mission
  - Media outreach

- Work with UT Marketing on ways to better deliver SSAB's message
- Museum exhibit
- Incorporate key historical dates into publications
- Hosting area 'VIPs," including civic leaders and politicians
- 3. Collaborative Issues with the Staff
  - Public Environmental Survey
  - Advocate newsletter
  - Annual report
  - Federal Register notice
  - Facebook, YouTube, videos, and website
  - Editorials, newspaper ads, and releases



## **Department of Energy**

Oak Ridge Office of Environmental Management P.O. Box 2001 Oak Ridge, Tennessee 37831

July 11, 2014

Mr. David Hemelright, Chair Oak Ridge Site Specific Advisory Board Post Office Box 2001 Oak Ridge, Tennessee 37831

Dear Mr. Hemelright:

#### FISCAL YEAR 2015 TOPICS FOR THE OAK RIDGE SITE SPECIFIC ADVISORY BOARD

Thank you for your recent letter requesting suggestions for topics on which to focus Oak Ridge Site Specific Advisory Board (ORSSAB) resources during fiscal year (FY) 2015. ORSSAB input on the following program areas would be most beneficial:

1. Focused Feasibility Study and Proposed Plan for a Water Treatment Plant at Y-12:

The Department of Energy (DOE) is working with the Environmental Protection Agency and Tennessee Department of Environment and Conservation to complete design and construction of a water treatment plant to control mercury releases from the Y-12 facility. During 2015, a Proposed Plan will be issued to obtain public input on alternative water treatment approaches. Board focus on this project is requested.

2. Participation in Ongoing Efforts to Assure Sufficient Waste Disposal Capacity:

Current schedules call for issuance of a Proposed Plan for addressing future disposal capacity needs in the spring of 2015. DOE will seek Board input on both the desirability of constructing additional disposal capacity and input on potential facility locations.

3. Completion of the East Tennessee Technology Park Zone 1 Soils Record of Decision:

During FY 2015, the Department expects to issue a Proposed Plan and Record of Decision for final cleanup of the land area surrounding the former K-25 Gaseous Diffusion Plant. These documents will stipulate final requirements for soil and burial ground remediation along with any land use controls necessary to ensure future protectiveness. SSAB review and comment on these documents is requested.

4. Selection of a Remediation Strategy for Trench 13 in Melton Valley:

The Department and the State of Tennessee are engaged in negotiations to develop a path forward for a unique waste stream located in Melton Valley. Early in FY 2015, we would like to brief the Board on the challenges associated with this burial trench, and receive a recommendation on future management of these wastes.

#### FISCAL YEAR 2015 TOPICS FOR THE OAK RIDGE SITE SPECIFIC ADVISORY BOARD

5. Provision of Input into the FY 2017 Budget Development Effort:

ORSSAB's annual participation in this effort will remain important, particularly given the fiscal environment anticipated in upcoming years and the related necessity to establish program priorities strategically. Early in calendar year 2015, we would like to brief the Board on all major projects underway and obtain project prioritization input.

We look forward to providing additional information concerning these topics at the SSAB retreat in August. If you have questions, or if we can be of any further assistance, please contact me at (865) 576-0742 or Dave Adler at (865) 576-4094.

Sincerely,

Susan M. Cange, Acting Manager

Oak Ridge Office of Environmental Management

cc:

Connie Jones, EPA Kristof Czartoryski, TDEC, Oak Ridge Dave Adler, EM-91 Melyssa Noe, EM-92 Jay Mullis, EM-90



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

July 31, 2014

Mr. David Hemelright, Chair Oak Ridge Site Specific Advisory Board Post Office Box 2001, EM-91 Oak Ridge, Tennessee 37831

Dear Mr. Hemelright:

This letter responds to the Oak Ridge Site Specific Advisory Board's (ORSSAB) June 9, 2014 request to the U.S. Environmental Protection Agency to identify and prioritize issues the ORSSAB should consider during its planning meeting for Fiscal Year 2015 activities. The issues identified below are not submitted in any prioritized manner. However, these issues focus on the sequencing of current and future remedial actions consistent with the goal of the Comprehensive Environmental Response, Compensation, and Liability Act in protecting human health and the environment.

## 1. ORR Groundwater Strategic Plan:

The plan has been finalized. The ORSSAB played an important role in the development of the final strategic plan. The ORSSAB should work with DOE to incorporate the results of this plan in the long term schedules for cleanup. Current actions underway are focused on the potential for offsite groundwater contaminant migration. Identifying specific high priority plume projects in the Federal Facility Agreement schedules should enhance planning for the eventual attainment of the Government Performance Results Act goal of "Groundwater Migration Under Control."

## 2. Y-12 Mercury Cleanup Strategy:

The draft strategic cleanup plan for mercury releases from Y-12 is under review and has not been finalized. Key issues in the mercury strategy include construction of a surface/storm water runoff treatment plant prior to cleanup of mercury sources that could liberate mercury contamination and increase the levels of ongoing mercury releases offsite. Other important aspects of the strategy include balancing building demolition activities with cleanup of mercury sources in underlying soils and substructures in a phased approach from west to east. Soil cleanup will not be deferred until after completion of all building demolition activities. The strategy should address residual free phase mercury present in soils and the substructures below the planned zone of soils remediation (i.e., the uppermost 2 feet). This deeper zone of high concentrated mercury source material and contamination should not be left in place without consideration of alternatives for its cleanup. The ORSSAB's involvement in these strategic plans will assist in developing remediation strategies to protect human health and the environment.

#### 3. CERCLA Waste Disposal Capacity on ORR

Planning is underway to prepare and submit a revised Remedial Investigation/Feasibility Study for a new onsite land disposal facility. Issues raised in the review pertain to Applicable or Relevant and Appropriate Requirements (ARARs) for landfill waste water discharges, lessons learned from the existing EMWMF Landfill, and the hydro-geologic setting of the proposed onsite landfill. The alternatives will include

combined waste water discharges from both the current operating landfill and the proposed landfill. The ORSSAB's involvement in the issues raised in the review of the evaluation of alternatives will assist in efforts to incorporate input from the greater Oak Ridge community into the ongoing remedy evaluation and selection process.

## 4. Completion of East Tennessee Technology Park Cleanup:

Although, the original goal in the Accelerated Cleanup Plan was to complete cleanup and transfer this area for economic reuse by 2008, strides toward completion of ETTP cleanup continue. The Remedial Investigation/Feasibility Study for Zone 1 has been submitted and is under EPA review and is focused on soils. The opportunity for formal public participation will be during the Proposed Plan stage of the process. The review and comment on the Proposed Plan is an important point to solicit community feedback for this final CERCLA decision. Where funding opportunities arise, the ORSSAB may assist in evaluating the possibility of completing ETTP cleanup before the 2020s.

Thank you for the opportunity to provide input into this year's Fiscal Year 2015 planning activities. The EPA appreciates the ORSSAB's continued efforts to be proactive and sensitive to the human health, environmental, and community issues surrounding the Oak Ridge Reservation.

If you have any questions, please do not hesitate to contact me at (404) 562-8551.

Sincerely,

Constance A. Jones, EPA ORSSAB Liaison FL/AL/MS/TN Federal Oversight Section Federal Facilities Branch

Superfund Division

cc: Kristof Czartoryski, TDEC David Adler, DOE John Owsley, TDEC Melyssa Noe, DOE



# STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DOE OVERSIGHT DIVISION 761 EMORY VALLEY ROAD OAK RIDGE, TENNESSEE 37830-7072

July 30, 2014

Mr. David Hemelright, Chair Oak Ridge Site Specific Advisory Board P.O. Box 2001 Oak Ridge, Tennessee 37831

Dear Mr. Hemelright

## FY 2015 Topics for the Oak Ridge Site Specific Advisory Board

Thank you for your request for input from the Tennessee Department of Environment and Conservation (TDEC) on issues for the Oak Ridge Site Specific Advisory Board (ORSSAB) to consider during fiscal year (FY) 2015. The TDEC Division of Remediation, DOE Oversight Office recommends the following program areas where stakeholder comments and recommendations would be most beneficial:

## **Mercury Remediation**

Releases of mercury from the Y -12 National Security Complex continues to exceed State of Tennessee and Environmental Protection Agency (EPA) water quality criteria. DOE submitted a final Remedial Design Work Plan to the State in April 2014 that was approved by the State in May 2014. The construction of the Outfall 200 water treatment plant is crucial to the continued clean-up efforts at the Y-12 National Security Complex and the reduction of discharges into the East Fork Poplar Creek and beyond. This system needs to be in place prior to the beginning of the D&D of Beta 4, Alpha 5, and Alpha 4 in order to capture as much mercury discharge from those sites as possible. Input from SSAB on this project and strategies for mercury waste management would increase public awareness of the nature of mercury problem and the path forward for mercury remediation.

## Future disposal for the Environmental Management generated waste

Ongoing siting and design of the Environmental Management Disposal Facility (EMDF) will need to be evaluated to ensure that lessons learned from the construction and operation of the Environmental Management Waste Management Facility (EMWMF) are taken into account when planning for this new facility. The SSAB may assist in a programmatic look at future onsite waste disposal on the ORR, including topics like potential facility location, the viability of volume reduction technologies, and offsite versus onsite disposal for various types of waste. This should also include the suitability of the onsite disposal for the mercury contaminated soils and debris. If deemed suitable, acceptable levels of mercury for disposal and the need for the treatment of effluents for mercury must be considered.

Mr. David Hemelright Page 2 July 30, 2014

#### Assessment of Offsite Groundwater

Groundwater contamination from the Oak Ridge Reservation (ORR) has been documented across the Clinch River. An ORR Groundwater Strategy document was developed in 2014 by the DOE, EPA and TDEC. The objectives of the strategy were to assess potential threats to off-site public health and the environment due to groundwater contamination from sources on the ORR and to aid in selection of remedial actions. Current efforts are focused on sampling of offsite locations, set to begin by January 30, 2015. The sampling effort is a step toward identifying any significant offsite groundwater contamination. The separate modeling effort is expected to act as a useful tool for identification of data gaps and limitations in current ORR conceptual models of groundwater flow and contamination. Continued input from the SSAB on the ORR groundwater strategy and these projects will maintain public awareness concerning the need to better understand and evaluate the nature and extent of ORR groundwater contamination.

## Processing and disposition of Transuranic (TRU) waste

TDEC is working with DOE to establish the path forward to disposition of Transuranic sludge stored in Melton Valley Storage Tanks. Though currently stable and safely stored, this waste stream represents one of the highest levels of risk to the people and the environment. The successful design and construction of the sludge treatment facility requires a steady fiscal environment. The retrievably stored Transuranic waste in Trench 13 would need to be processed at the Transuranic Waste Processing Center before final disposition. Input from SSAB on these matters will increase public awareness of Transuranic wastes in need of disposition.

I plan to attend the SSAB annual planning meeting on August 16, 2014 and will be glad to discuss the issues with the SSAB at that time. If you have questions prior to the meeting please contact me at (865) 481-0995.

Sincerely /eer w. w

Kristof W. Czartoryski,

**Environmental Restoration Program Manager** 

xc

Andy Binford, TDEC Constance Jones, EPA Susan Cange, DOE Dave Adler, DOE Thomas Beehan, ORRCA

## Agency Suggested Priorities for Oak Ridge Site Specific Advisory Board FY 2015 Work Plan

No.	FY 2015 Suggested Topics	DOE	EPA	TDEC
1.	Y-12 Mercury Cleanup Strategy and Plan for a Water Treatment Plant at Y-12	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
2.	Sufficient Waste Disposal Capacity on the Oak Ridge Reservation	V	V	√
3.	Completion of the East Tennessee Technology Park Cleanup	$\sqrt{}$	V	
4.	ORR Groundwater Strategic Plan		V	$\sqrt{}$
5.	Selection of a Remediation Strategy for Trench 13 in Melton Valley	$\sqrt{}$		
6.	Provision of input into the FY 2017 Budget Development Effort	V		
7.	Processing and Disposition of Transuranic Waste			V

#### ENVIRONMENTAL MANAGEMENT SITE-SPECIFIC ADVISORY BOARD

HanfordIdahoNevadaNorthern New MexicoOak RidgePaducahPortsmouthSavannah River

Mr. David Huizenga Acting Assistant Secretary for Environmental Management U.S. Department of Energy, EM-1 1000 Independence Avenue, SW Washington, DC 20585

Dear Mr. Huizenga:

### **Background**

The Environmental Management Site Specific Advisory Board (EM SSAB) Chairs note the examples below that illustrate some of the positive benefits resulting from EM remediation efforts such as:

- Fernald, Ohio, where an operational uranium enrichment plant has been deconstructed and the area reconstituted as parkland;
- Oak Ridge, Tennessee, where the East Tennessee Technology Park now occupies the area previously dominated by the K-25 Gaseous Diffusion Plant;
- Rocky Flats, Colorado, where a nuclear weapons production facility has been replaced by flourishing rangeland and now serves as a wildlife refuge; and
- Hanford in Washington state, where the B Reactor Preservation Project has been completed and is under consideration for national historic preservation.

In every case of EM site remediation, the environmental recovery constitutes a powerful example of how the joint efforts of the Department of Energy (DOE) and community leaders have resulted in a return to the local community and to society of areas or facilities previously exposed to and/or contaminated by nuclear activities.

## Recommendation

With full recognition of the presence and value of formal public relations and outreach programs within each DOE facility, and building upon these capabilities, the EM SSAB Chairs recommend that DOE:

• Sponsor an independent examination of the remediation efforts of DOE EM, with the intent of producing video clips and/or lengthier documentaries suitable for

- public viewing through a variety of platforms and for academic/scholastic purposes.
- Engage the various EM sites in developing and producing such materials (and referencing those that already exist), so that local resources (e.g. local television organizations and academic science programs) may make use of these materials to address local issues and specific concerns.

Such communication tools would help DOE EM to further capitalize on the presentation of past and emerging EM sites to inform the public about cleanup activities at former nuclear sites to maintain and improve support for environmental cleanup.

Steve Hudson, Chair Hanford Advisory Board Herbert Bohrer, Chair Idaho National Laboratory Site EM Citizens Advisory Board

Kathleen Bienenstein, Chair Nevada SSAB

Carlos Valdez, Chair Northern New Mexico Citizens' Advisory Board David Hemelright, Chair Oak Ridge SSAB Ben Peterson, Chair Paducah Citizens Advisory Board

William E. Henderson II, Chair Portsmouth SSAB

Marolyn J. Parson, Chair Savannah River Site Citizens Advisory Board

cc: Kristen Ellis, EM-3.2 David Borak, EM-3.2

#### ENVIRONMENTAL MANAGEMENT SITE-SPECIFIC ADVISORY BOARD

Hanford Idaho Nevada Northern New Mexico
Oak Ridge Paducah Portsmouth Savannah River

Mr. David Huizenga Acting Assistant Secretary for Environmental Management U.S. Department of Energy, EM-1 1000 Independence Avenue, SW Washington, DC 20585

Dear Mr. Huizenga:

### **Background**

The Environmental Management Site Specific Advisory Board (EM SSAB) believes the fiscal year 2015 budget request is insufficient to meet the cleanup obligations facing the EM cleanup sites. We also believe that the Department of Energy (DOE) needs to honor the agreements and established milestones between the federal government, the states, Tribes and affected stakeholders in a more timely fashion.

## **How Underfunding Increases Cost and Risk**

- Funding shortfalls increase the long-term cost of cleanup to the American taxpayers.
- Flat funding increases cleanup costs because it does not consider inflation or escalation of added costs.
- Continuing funding shortfalls result in the downward spiral of additional delays and more costs.
- Continued use of facilities past their design lives increases risk, as has been demonstrated by recent reports of leaking double shell tanks at the Hanford site.
- Loss of institutional knowledge inhibits cleanup efficiency and increases costs.

## **Cleanup Commitments Must Be Honored**

The United States government is obligated to meet existing cleanup commitments and establish new commitments for cleanup in a timely fashion. At the larger sites, much of the low hanging fruit, the most easily completed work, is done. The remaining cleanup at these sites is more complex and will cost more money. This fact cannot be ignored. Some sites, such as Fernald and Rocky Flats, have completed all cleanup activities. Many remaining sites are facing the most difficult, risk laden, and expensive cleanup activities across the DOE EM complex. There are also sites, such as Paducah, whose end state metrics have yet to be established.

We believe these cleanup obligations must be met in real time, not delayed. Every year DOE needs to honor their current commitments by requesting all funding to support cleanup activities and milestones, and request funding for newly established milestones.

The EM SSAB, comprising about 200 people, is composed of eight regional citizens advisory boards from communities in Georgia, Idaho, Kentucky, Nevada, New Mexico, Ohio, Oregon, South Carolina, Tennessee and Washington. We are cumulatively representative of a stakeholder population totaling millions of people who are affected by generator sites, transportation routes and disposal sites.

## **Recommendation**

The EM SSAB requests that:

- DOE meet its cleanup obligations by requesting all annual funding required to support cleanup activities and milestones at each site we represent to complete committed cleanup activities, without delay.
- DOE expedite milestone establishment, and requests funds for those sites that do not have site end state cleanup milestones in place.

The EM SSAB requests that you share this recommendation with the Secretary of Energy.

Steve Hudson, Chair Hanford Advisory Board	Herbert Bohrer, Chair Idaho National Laboratory Site EM Citizens Advisory Board	Kathleen Bienenstein, Chair Nevada SSAB
Carlos Valdez, Chair Northern New Mexico Citizens' Advisory Board	David Hemelright, Chair Oak Ridge SSAB	Ben Peterson, Chair Paducah Citizens Advisory Board
William E. Henderson II, Chair Portsmouth SSAB	Marolyn J. Parson, Chair Savannah River Site Citizens Advisory Board	

cc: Kristen Ellis, EM-3.2 David Borak, EM-3.2