



Update on DOE Packaging and Transportation

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November 14, 2012

Presented to the

Midwestern Radioactive Materials Transportation Committee
Council of State Governments

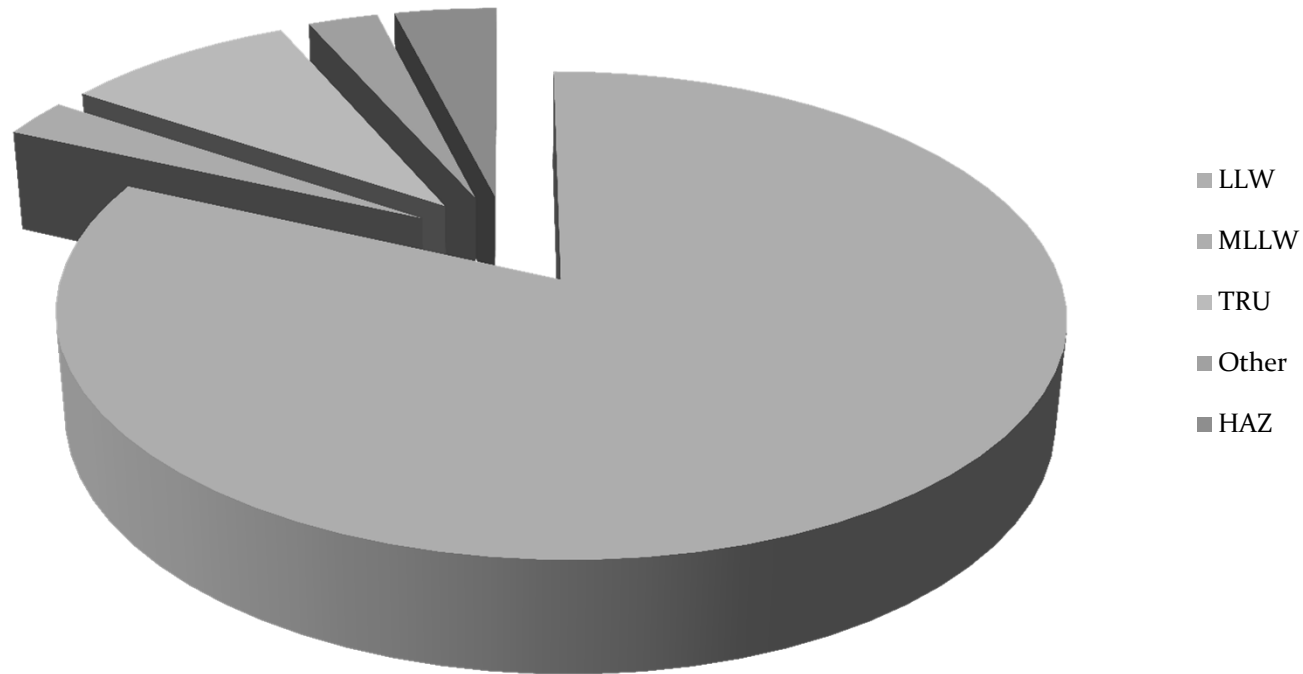


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FY 2012 Shipments



Total number of Shipments = 9,459



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Recovery Act Exceeds Major Cleanup Milestone

- DOE Complex Now 74 Percent Remediated
- EM has reduced its pre-Recovery Act footprint of 931 square miles, established in 2009, by 688 square miles.
- In 2009, EM identified a goal of 40 percent footprint reduction by September 2011
 - Goal was achieved in April 2011



Cleanup Milestones

- Savannah River Site
 - Remediated 85 percent of the site's footprint by cleaning up more than 260 square miles of the site's 310 square miles
- Hanford
 - RL reduced its footprint by 423 square miles (72% of the 586 square mile starting point) by August 31, 2012



Workers safely demolished a 175-foot-high exhaust stack at the Hanford Site



Workers prepare for roof installations on portions of the P Reactor at Savannah River Site that are expected to remain after facility decontamination and demolition efforts.



Cleanup Milestones

- Portsmouth
 - Reduced the site's footprint by more than 1.6 million square feet.



Recovery Act workers demolished a cooling tower complex and nearby electrical switchyard that together spanned more than 40 acres on the northeastern portion of the Portsmouth Gaseous Diffusion Plant.



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Major Accomplishments - Idaho

- Idaho Site Closes Out Decontamination and Decommissioning Project



The Engineering Test Reactor vessel is shown here removed, loaded and ready for transport to the on-site landfill.



Workers demolish the Test Area North Hot Shop Complex, shown here.



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Major Accomplishments – Oak Ridge

- Oak Ridge Enters Next K-25 Demolition Phase
 - The north end demolition will be complete in January 2013.
 - Debris removal will be completed in March.
 - Following the removal of the north end, workers will continue pre-demolition activities in the final units of K-25's east wing.



Workers begin demolishing the north end of the K-25 Building.



NNSS Shipment Statistics – FY 2011

- LLW – 2,279 inbound shipments
- MLLW – 109 inbound shipments

- There were 25 approved generator sites



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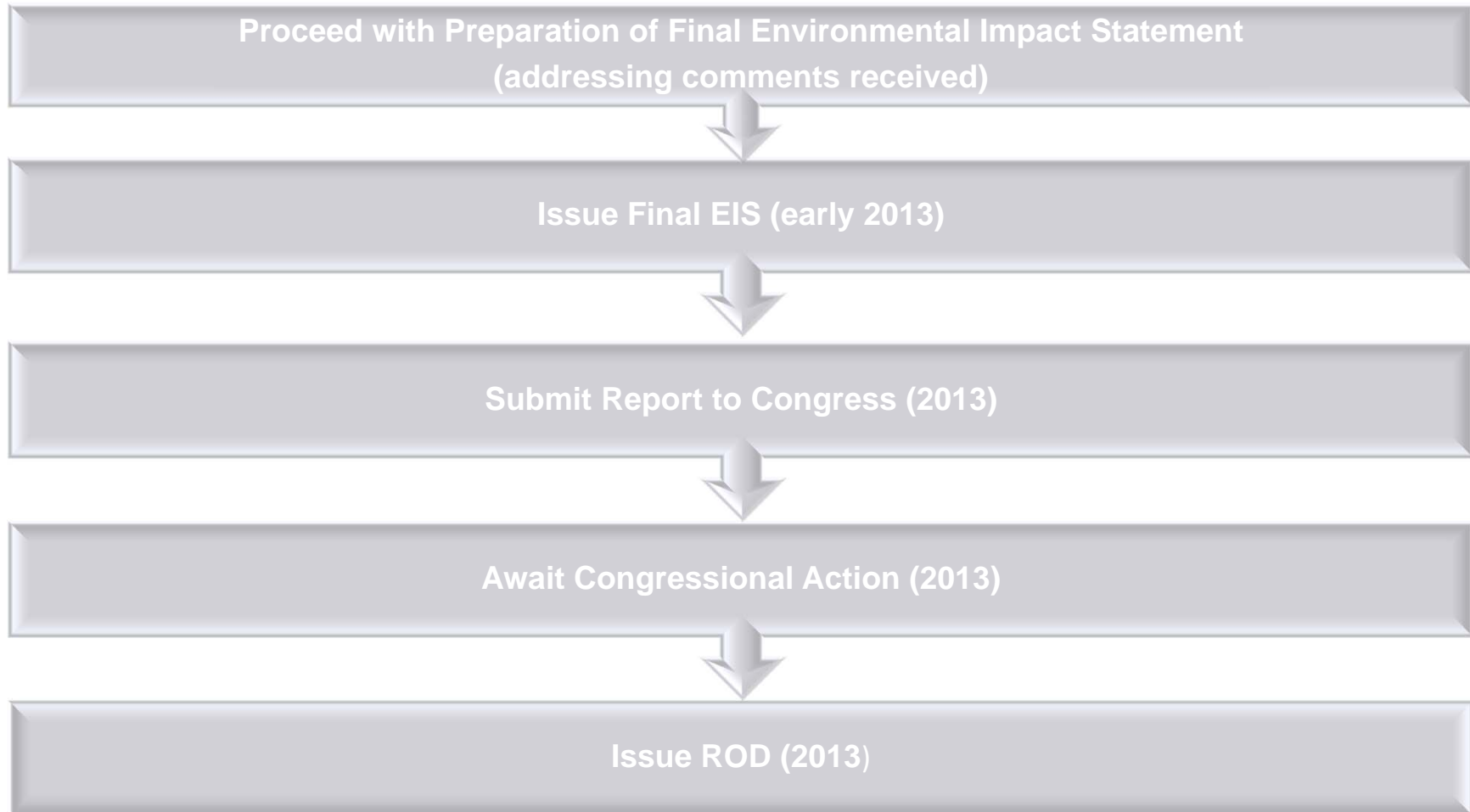
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Update on Elemental Mercury

- *The Mercury Export Ban Act of 2008* requires DOE to provide storage and long-term management of mercury (non-radioactive) generated in the U.S.
 - Final EIS published in January 2011
 - Sites analyzed in the EIS are Hanford (WA); INL (ID); Grand Junction (CO); Hawthorne (NV); SRS (SC); Andrews (TX); and Kansas City (MO)
 - WCS facility in Andrews, TX, is Preferred Alternative
 - <http://www.mercurystorageeis.com/>
- Current Status
 - No Record of Decision for site selection has been issued.
 - The Department plans to reconsider the range of alternatives before issuing the ROD.
 - The Department plans to issue a Supplemental Mercury Storage EIS evaluating two WIPP vicinity locations in 2013.
 - A Record of Decision will be issued no sooner than 30 days after the Environmental Protection Agency's Notice of Availability of the Final Supplemental Mercury Storage EIS in the Federal Register.



EIS Greater-than-Class C LLW Disposal



DOE Manual 460.2-1

- Manuals are being eliminated from Directives System
- Requirements from Manual will be incorporated into revision of DOE Order 460.2, *Departmental Materials Transportation and Packaging Management*
 - Remaining information will from Manual will be placed in the DOE Guide 460.2
- An NTSF working group will be established to assist in the revision process
- Awaiting outcome of realignment decisions to develop draft document



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