



U.S. DEPARTMENT OF
ENERGY

Deputy Designated Federal Official (DDFO) Presentation

Joel Bradburne, PORTS Site Lead
Portsmouth Site Specific Advisory Board
September 2, 2010



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AGENDA



- Decontamination and Decommissioning (D&D) Contract Award
- DUF₆ Conversion Plant Ceremony
- Energy Parks Initiative
- ARRA Update



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D&D CONTRACT AWARD



- DOE awarded Fluor-B&W Portsmouth, LLC the prime contract for D&D of the Portsmouth Gaseous Diffusion Plant on August 16, 2010.
- Fluor-B&W is a joint venture led by Fluor Federal Services, Inc., and Babcock & Wilcox Technical Services Group, Inc.
- The contract is valued at \$2.1 billion. It includes an initial five-year contract and a potential five-year extension.
- More than 30 percent of work is expected to be subcontracted to small businesses.



D&D CONTRACT AWARD



- The D&D contract specifies a 90-day transition period.
- The transition period will integrate all contracts to ensure continuity of operations.
- LPP's current contract period of performance to continue work activities ends Feb. 28, 2011.
- USEC's current contract period of performance for Cold Shutdown (CSD) work activities ends March 31, 2011.
- The Notice to Proceed is expected to be given to Fluor-B&W by DOE on Sept. 14, 2010 (barring protests).



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DUF6 CONVERSION PLANT



- Operations ceremony scheduled for September 9, 2010.
- Attendees include DOE Deputy Secretary Daniel Poneman, Assistant Secretary for Environmental Management Inés Triay, and Ohio Governor Ted Strickland.



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ENERGY PARKS INITIATIVE



- The Energy Parks Initiative (EPI) aims to transform facilities formerly used for national defense missions into parks that produce clean energy and enhance regional economies through reindustrialization.
- Mark Gilbertson, Deputy Assistant Secretary for Engineering and Technology, is scheduled to present information on the DOE Office of Environmental Management's (EM) Energy Parks Initiative on Thursday, September 23, 2010.



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AMERICAN RECOVERY AND REINVESTMENT ACT



ARRA Project Cleanup Progress



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X-533 SWITCHYARD DEMOLITION



Workers lift the first 90-ton synchronous condenser from the X-533 Switch House on August 30, 2010.

- 129 of 160 towers completed.
- 450 of 850 tower foundations removed.



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X-701B GROUNDWATER TCE SOURCE REMOVAL



- Accomplished Phase I treatment benchmark of 42,000 ft², which constitutes 46 cells.
- Phase II is under way and is comprised of 28,000 ft², of which more than 4,600 ft² has been treated.



- Project mixes sodium persulfate oxidant directly into source area of TCE-contaminated soils. The oxidant chemically breaks down contamination and results have shown more than a 90% reduction in TCE levels.

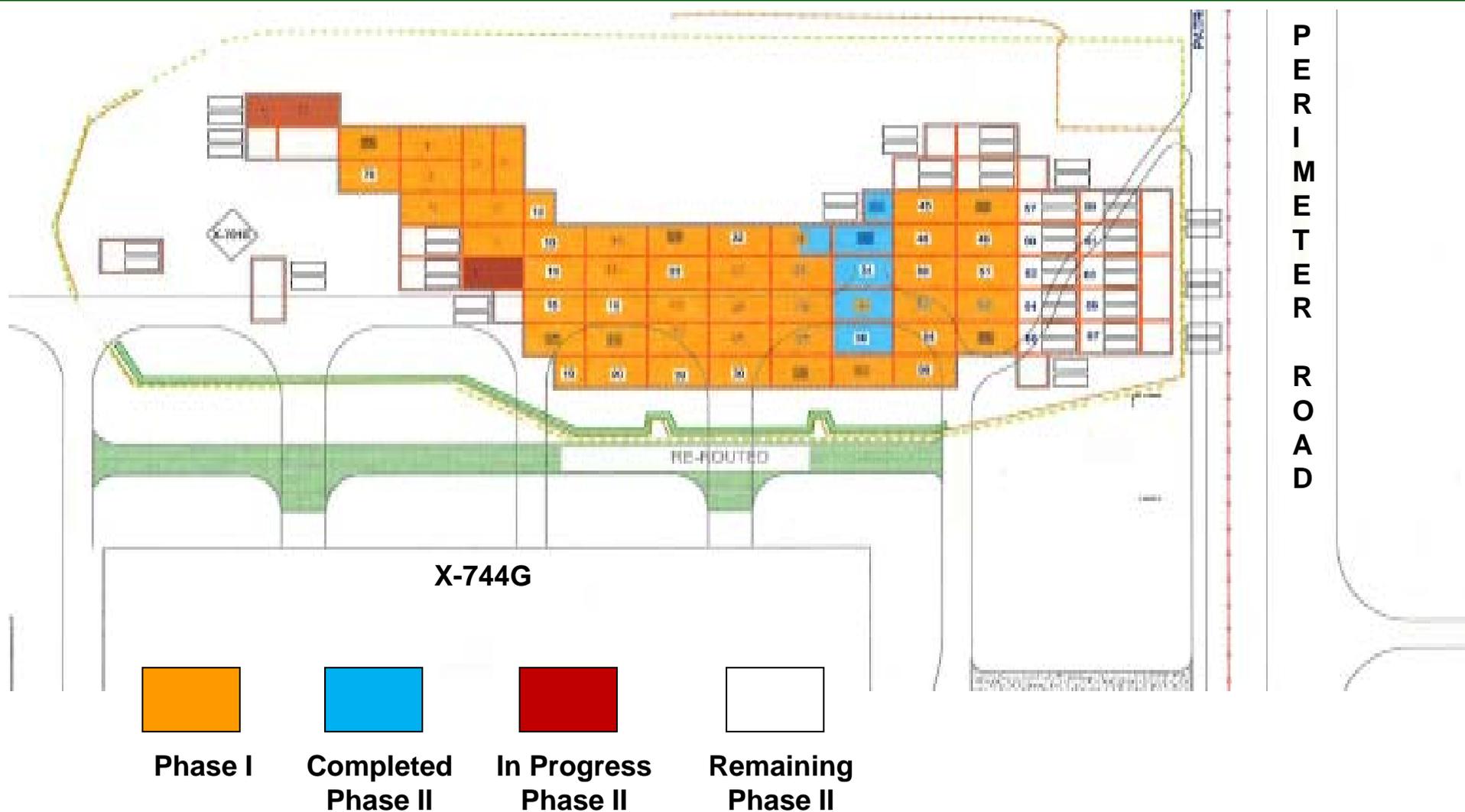


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X-701B GROUNDWATER TCE SOURCE REMOVAL



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X-633 COOLING TOWER COMPLEX



- Above-ground structure demolition completed in June, 2010
- 58 cooling cells demolished
- 19,979 m³ of debris dispositioned
- 94,675 ft² of facility demolition
- Waste Disposal essentially completed
(Final shipment being prepared for disposal)

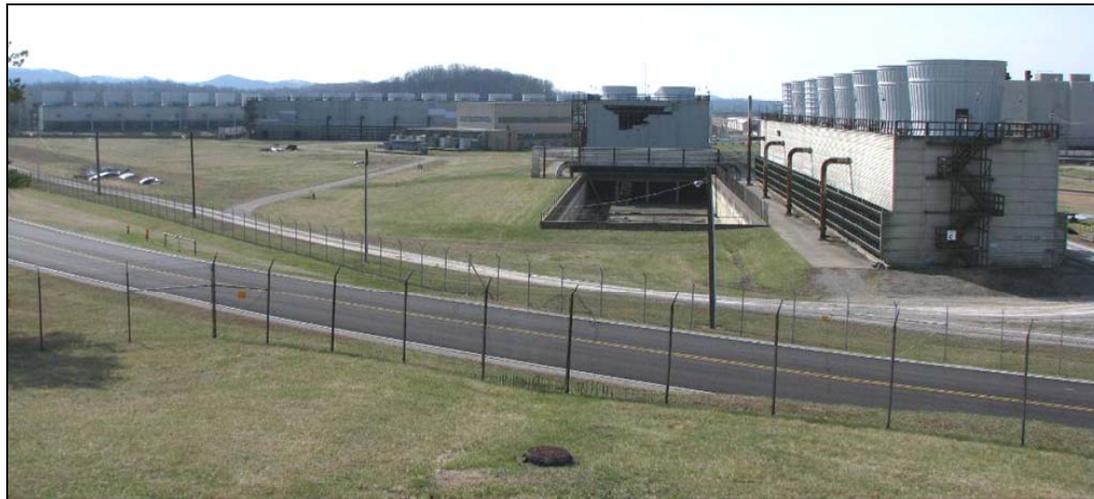


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X-633 COOLING TOWER COMPLEX



BEFORE



AFTER



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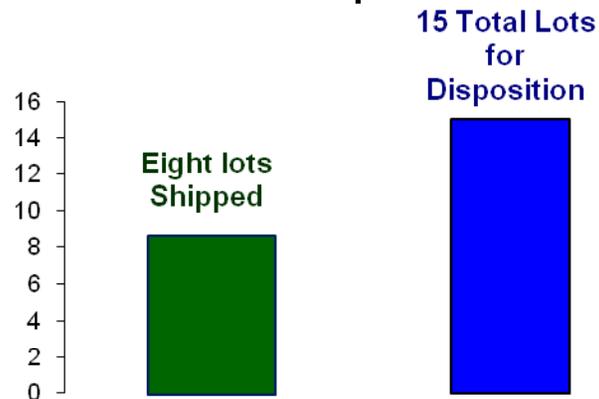
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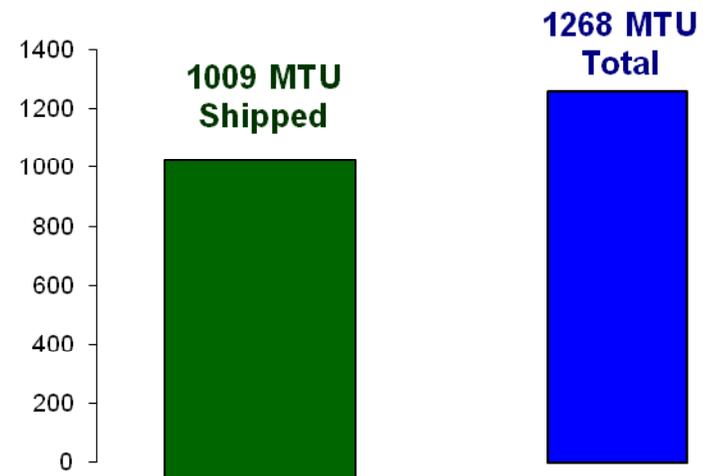
URANIUM MANAGEMENT CENTER



Uranium Management Center
Lots for Disposition



Uranium Materials Center
Metric Tons of Uranium for Disposition



- Repackaging/disposition of surplus uranium material
 - ❖ ~1268 metric tons total
- Eight of 15 lots dispositioned
 - ❖ ~ 1009 metric tons shipped to Nevada National Security Site



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X-760 CHEMICAL ENGINEERING BUILDING



- X-760 Building demolished in June, 2010.
- All building debris waste shipments complete
- Slab demolished and packaged
- Removal of column footers and neutralization pit in progress
- Soil characterization under way



Demolition of the X-760 Chemical Engineering Building, on June 14, 2010.



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X-760 CHEMICAL ENGINEERING BUILDING



BEFORE



AFTER



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CLOSING



- Next SSAB Board Meeting – Thursday November 4, 2010.
- Final Remarks



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