

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

U.S. DEPARTMENT OF ENERGY

**Portsmouth Site Specific Advisory Board
January 6, 2011**



AGENDA

- 1 **Transition Progress**
- 2 **Engineering Evaluations and Costs Analyses (EE/CAs)**
- 3 **SODI Contract**
- 4 **AARA Update**
- 5 **Public Outreach**



TRANSITION PROGRESS



- ❑ The transition period for the Decontamination and Decommissioning (D&D) contractor - Fluor-B&W Portsmouth, LLC - has been extended to March 28, 2011.
- ❑ The extension of the transition period results in contract extensions for USEC Government Services and LATA/Parallax Portsmouth, Inc.
- ❑ The contract extension is to give the contractors time to transition workers in a manner that will not disrupt operations.



EE/CAs

- ❑ Completed the Engineering Evaluations and Cost Analyses for the Group 1 buildings and the X-626 and X-630 Recirculating Cooling Water complexes in November.
- ❑ EE/CAs were made available for public comment on November 17, 2010.
- ❑ Organized a Public Availability Session on November 30, 2010, at The Ohio State University Endeavor Center.
- ❑ The public comment period for the EE/CAs ended on December 17, 2010.



X-626 Recirculating Cooling Water Complex



SODI CONTRACT

- ❑ The Southern Ohio Diversification Initiative (SODI) has received approximately \$2 million from G&S Technologies as part of a contract to remove 18 power transformers from the recently decommissioned X-533 Switchyard.
- ❑ Recoverable materials in the transformers include silicon steel, structural steel, copper and used transformer oils.
- ❑ To date, eight transformers are in various stages of removal.



LEFT: Copper core bundles are visible in a power transformer that was removed by G&S from the X-533 Switchyard.



RIGHT: From the side, silicon steel that surrounds the copper core bundles is visible.

ARRA UPDATE

X-633

X-760

X-533

X-701B

UMC

MAY 2010

48%

JAN. 2011

100%

MAY 2010

35%

JAN. 2011

100%

MAY 2010

35%

JAN. 2011

95%

MAY 2010

55%

JAN. 2011

90%

MAY 2010

28%

JAN. 2011

90%

COMPLETION PERCENTAGES



ARRA UPDATE

- ❑ Continued removal of radiological duct and equipment in control room.
- ❑ Demolition of West Switch House condenser pedestals under way.
- ❑ Began off-site shipment of transformer bushings.
- ❑ Continued cleaning East and West Switch House slab and prepping per revised project end state requirements.



A section of roofing from the X-533 East Switch House is removed by LPP personnel. A concrete structure that once supported a synchronous condenser is pictured in the foreground, while two of 13 switchgears are visible atop the switch house.

X-533 SWITCHYARD



ARRA UPDATE

- ❑ Recently shipped 47 trailers of uranium metals for disposal at Nevada National Security Site, totaling nearly 175 metric tons of uranium.
- ❑ DOE will continue discussions with potential buyers of UMC lots regarding sampling and analysis plans.

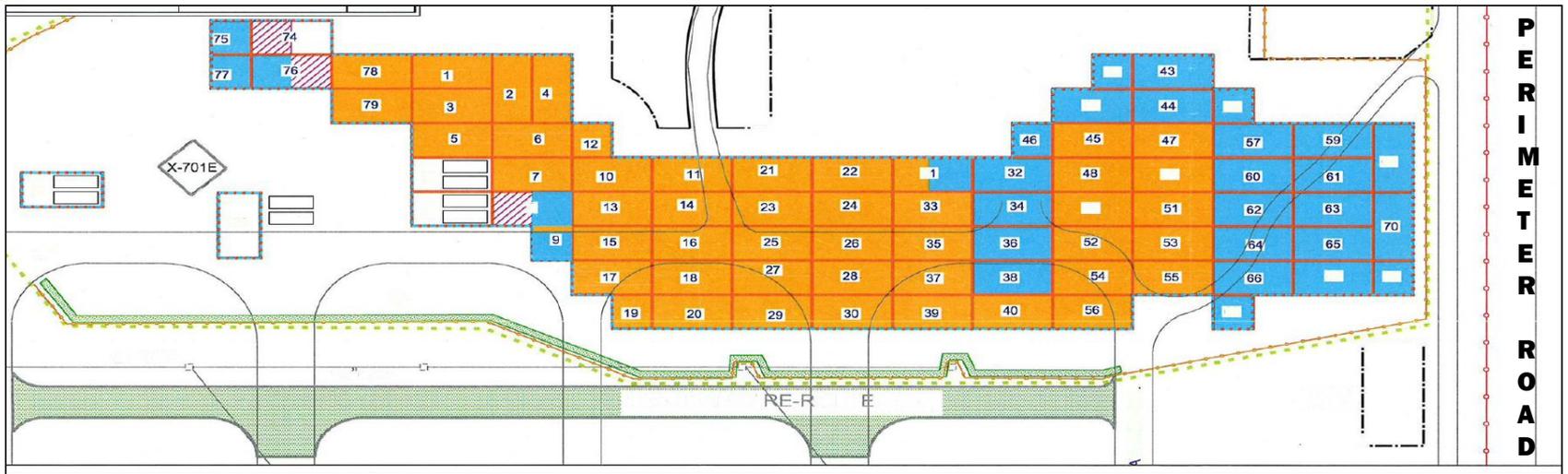


A total of 47 trailers were escorted from the plant site in December and sent to the Nevada National Security Site in a continuing effort to dispose of more than 1,733 metric tons of excess uranium materials from the Uranium Management Center.

URANIUM MANAGEMENT CENTER



ARRA UPDATE



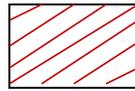
75 of 81 cells completed (i.e., 22,680 of 28,000 ft² treated).



Phase I



Completed Phase II



In Progress Phase II



Remaining Phase II

X-701B CONTAMINATION PLUME



PUBLIC OUTREACH

- ❑ Ohio Governor-elect John Kasich toured the Portsmouth Gaseous Diffusion Plant on Wednesday, December 22, 2010.
- ❑ Kasich toured the American Centrifuge Plant, spent time with local DOE officials to discuss current issues, and was familiarized with various plant operations.



KASICH

PUBLIC OUTREACH

- ❑ On November 19, 2010, DOE welcomed about 30 Waverly High School students to the plant for an expanded tour that included an in-depth description of the gaseous diffusion process and the nuclear fuel cycle.
- ❑ Students also toured the X-333 process building, the X-300 plant control facility, and received a driving tour and a detailed explanation of multiple plant facilities by various subject matter experts.



USEC Government Services employee Jack Snyder, left, discusses the gaseous diffusion process with a group of Waverly High School students during a recent tour of the Portsmouth Gaseous Diffusion Plant.





CALENDAR

- SUBCOMMITTEE MEETINGS

- January 11, 2011

- Community Involvement – 4:30 p.m., Room 165

- Future D&D/Recycling – 4:30 p.m., Room 112

- Waste Disposition – 6:30 p.m., Room 165

- Historical Preservation – 6:30 p.m., Room 112

- EXECUTIVE COMMITTEE MEETING

- January 27, 2011

- NEXT FULL BOARD MEETING

- March 3, 2011