



# Portsmouth Gaseous Diffusion Plant

September 10, 2009

## Monthly Decontamination & Decommissioning Projects Update to the Site Specific Advisory Board



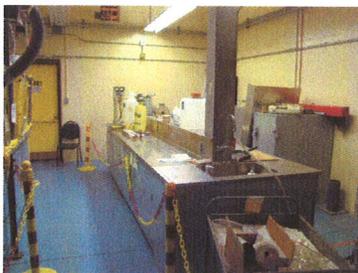
*Demolition of the south end of the X-746 Shipping and Receiving Building began September 9, 2009.*

### X-746 Shipping & Receiving Building Removal

- The project entails removal and disposal of the wastes from the former X-746 Shipping and Receiving Building, built in 1954 to store uranium. The building later was used as a shipping and receiving facility and has been unused since 2002.
- The Engineering Evaluation / Cost Analysis (EE/CA), prepared under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), along with the Removal Action Work Plan and Confirmatory Sampling Work Plan, have all been reviewed by DOE and Ohio EPA.
- Universal waste has been removed from the building. Asbestos removal is nearly complete.
- Confirmatory soil samples were taken the week of September 7, 2009.
- Demolition of the southern section of the X-746 building began September 9, 2009; completion expected by September 30, 2009.

### X-345 Special Nuclear Materials Building Strip-out of HAISP and HASA

- Mobilized to field on May 28, 2009 for the X-345 High Assay Isotopic Standards Preparation (HAISP) Laboratory dismantle and disposal project.
- HAISP laboratory cleanout is now 80% complete.
- High Assay Sampling Area (HASA) cleanout began in August 2009.
- Size reduction and packaging of lab waste materials for shipment continues. Second waste shipment in preparation. Eight boxes to be shipped to Nevada Test Site week by end of September 2009.



*HAISP lab before (left) and after cleanout, as of August 2009 (right)*





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## American Recovery and Reinvestment Act D&D Projects – Engineering Evaluation/Cost Analysis (EE/CA)’s



*Pictured are: X-633 Cooling Tower Complex (left), X-760 Chemical Engineering Building (below left), and the X-533 Electrical Switchyard (below right)*



### X-633 Recirculating Cooling Water Tower Complex

- Performing radiological surveys.
- Installing field office trailers and preparing site.
- Engineering Evaluation/Cost Analysis (EE/CA) report to be issued the week of September 14, 2009 for a 30-day public comment period.
- Draining of oils from tower fans and pumphouse pumps commencing in September.
- Provided excess property inventory to Southern Ohio Diversification Initiative (SODI).

### X-760 Chemical Engineering Building

- Official turnover of the building from USEC to DOE/LPP effective Sunday, August 30, 2009.
- Draft EE/CA in reviews; expected to be issued for public comment later this fall.
- No recycling expected due to past radiological uses in this facility.

### X-533 Electrical Switchyard

- Preparing temporary lighting for buildings.
- Draft EE/CA in reviews; expected to be issued for public comment later this fall.
- Performing surveys.
- Evaluating potential recycling efforts; coordination with SODI.