

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

Joel Bradburne, PORTS Site Lead
U.S. Department of Energy



Portsmouth Site Specific Advisory Board
November 3, 2011

Agenda

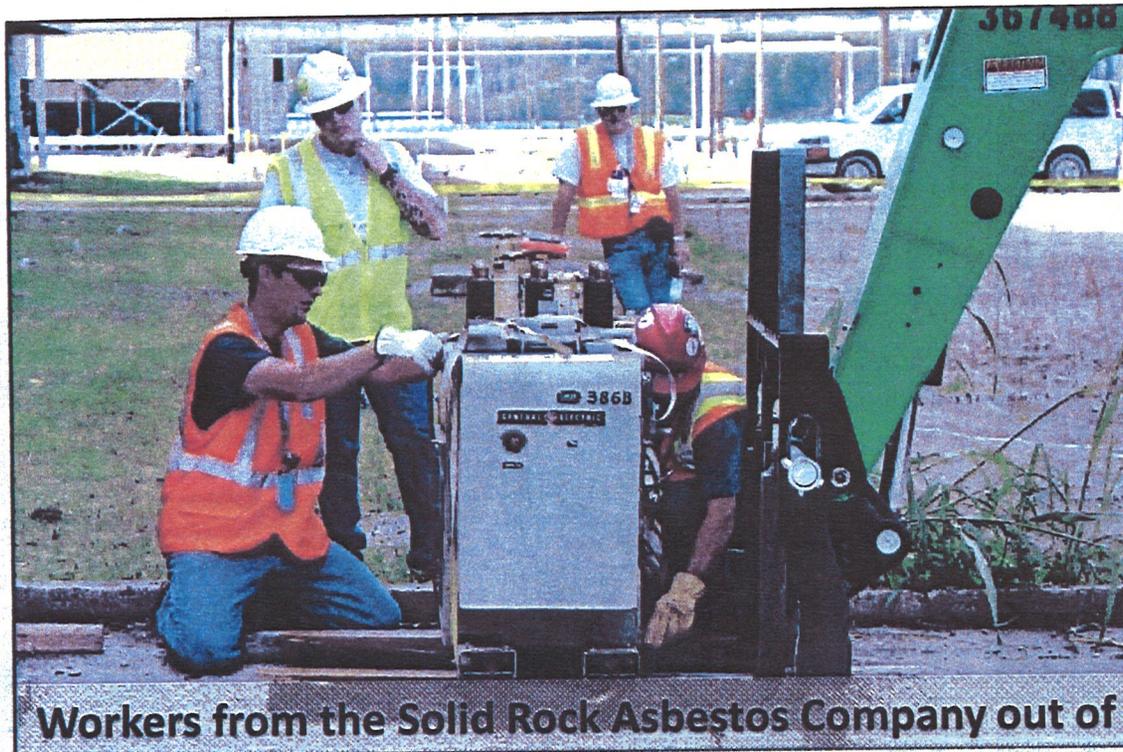
- ▶ Plant Updates
 - ▶ Regulatory Progress
 - ▶ Public Outreach
- Calendar





Plant Updates

X-333 Bulk Asbestos Abatement



Workers from the Solid Rock Asbestos Company out of Portsmouth load one of the 206 arc chute breakers.

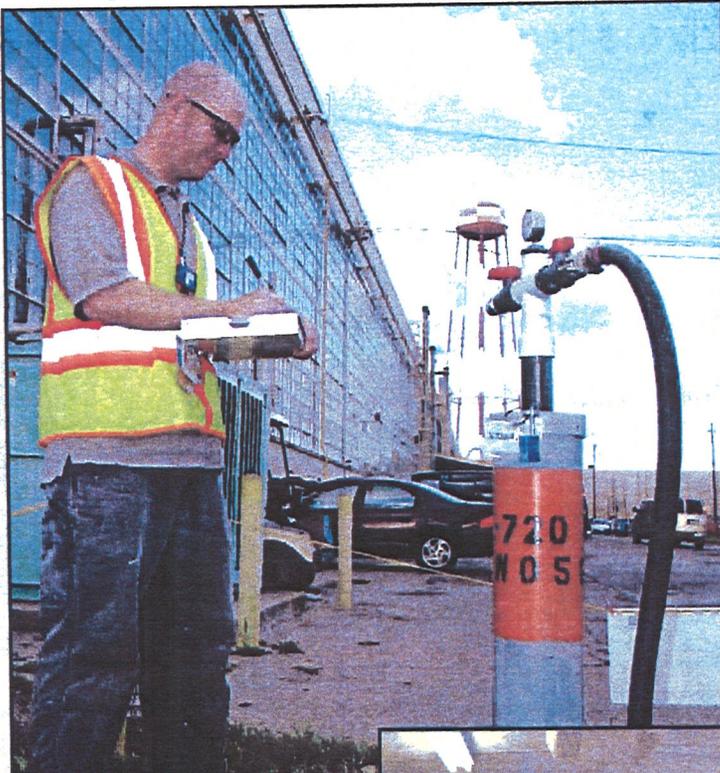


More than 160 arc chute breakers, weighing 1400 lbs each, have been loaded to date.





Plant Updates



7-Unit Enhanced Anaerobic Bioremediation



Groundwater Remediation





Plant Updates

X-611A Prairie

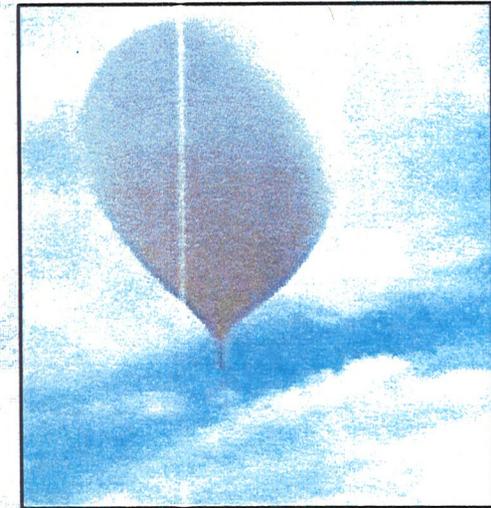
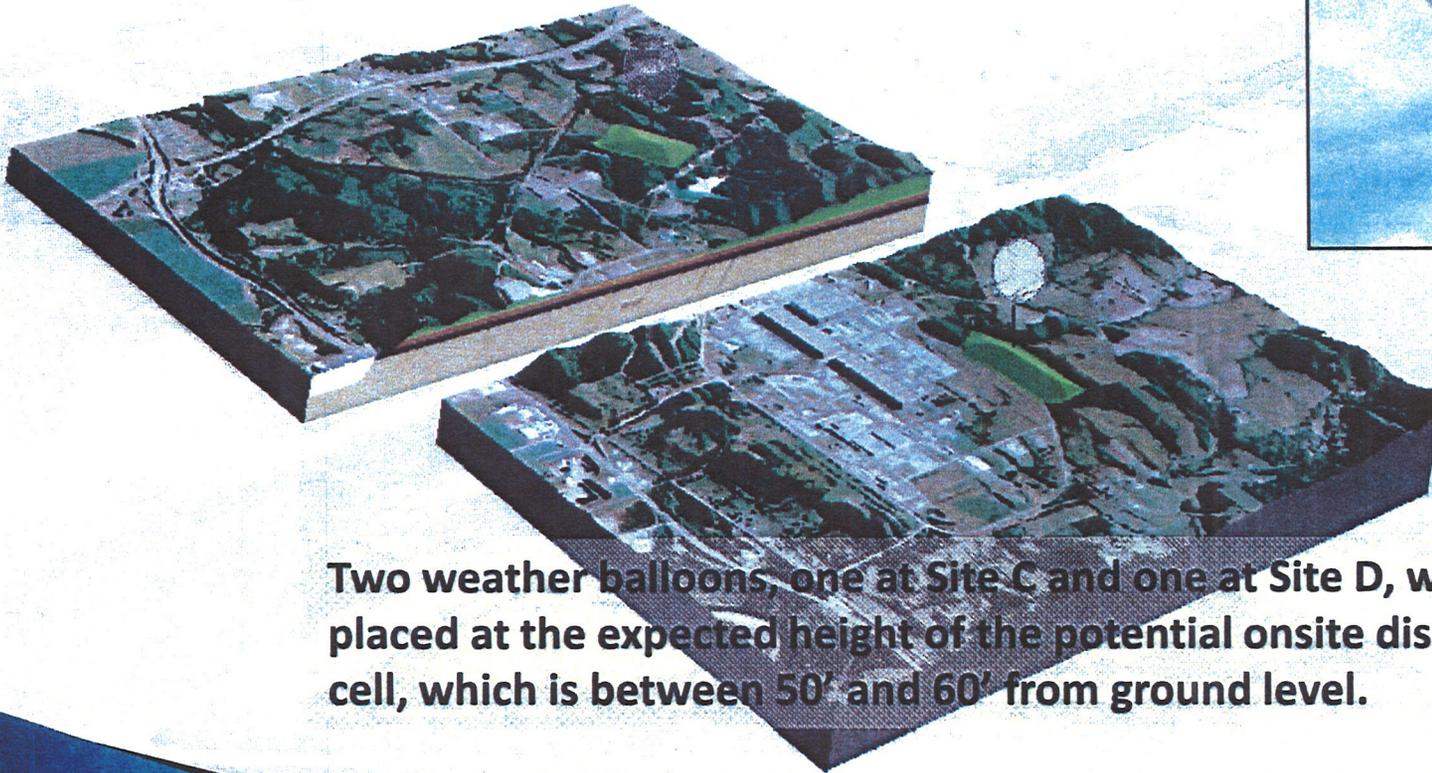


The X-611A Prairie prescribed burn is scheduled for November. Fog Road will be closed to traffic during the burn.



Plant Updates

Onsite Disposal Cell Siting Evaluation



Two weather balloons, one at Site C and one at Site D, were placed at the expected height of the potential onsite disposal cell, which is between 50' and 60' from ground level.

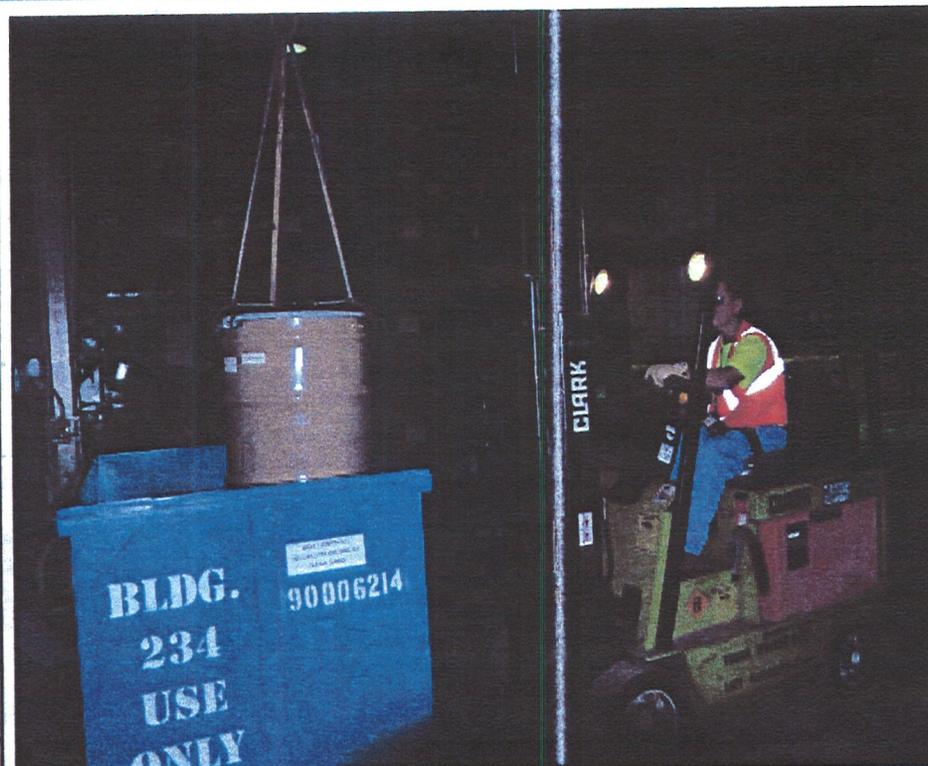


Plant Updates

Waste Disposition

Waste Category Shipped Off Site	Sum Volume (in cubic feet)	Sum Waste Weight (in pounds)
Resource Conservation and Recovery Act Mixed	34,000	1,003,000
Recycle	727,000	10,823,000
Sanitary/Industrial	281,000	6,663,000
Universal	250	2,200
Resource Conservation and Recovery Act	300	4,000
Asbestos Low-Level	4,300	86,000
Toxic Substance Control Act	290	29,000
Toxic Substance Control Act Mixed	9,100	776,500
Asbestos	820	1,000
Low-Level	112,500	3,044,700
TOTALS	1,169,560	22,432,400

*estimated since March 29, 2011



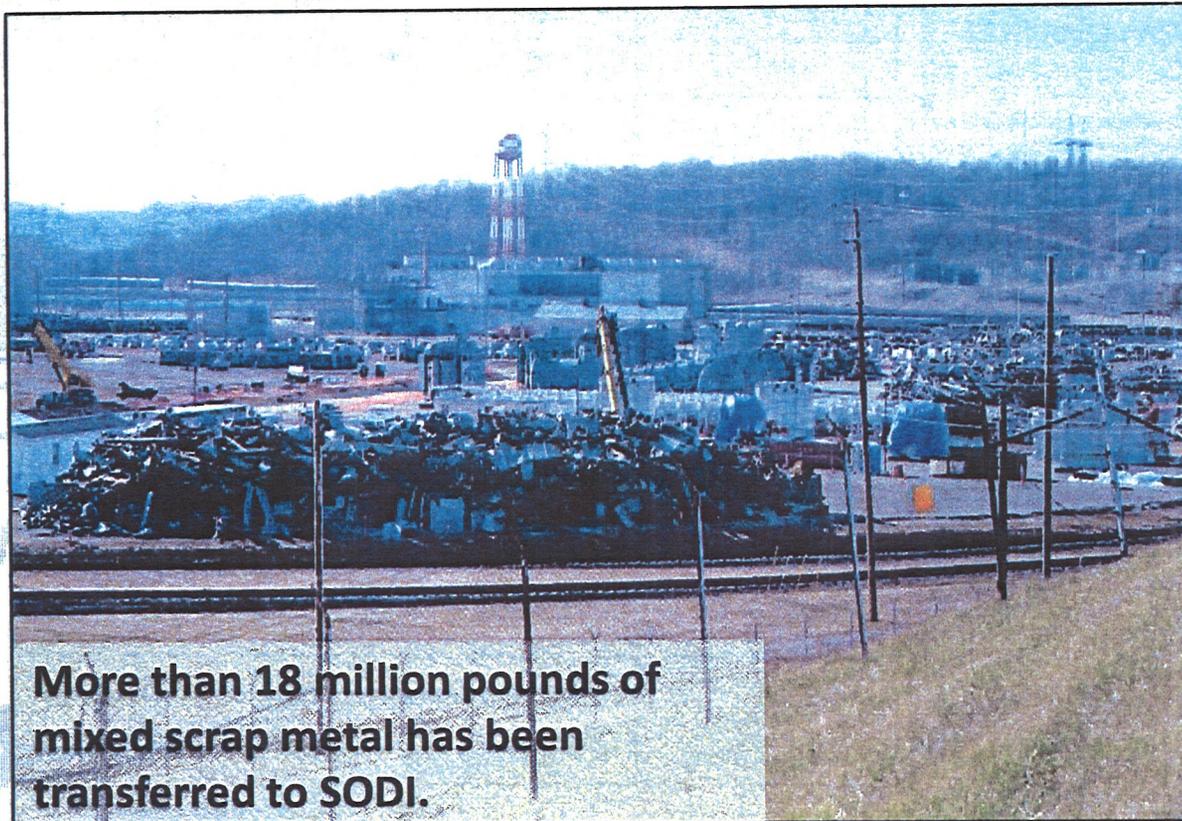
Enough waste shipped off site to fill **13** Olympic size swimming pools.





Plant Updates

Investment Recovery



More than 18 million pounds of mixed scrap metal has been transferred to SODI.



Hadsell Development out of Portsmouth loaded the metal into 30-yard roll-offs.





Plant Updates

Investment Recovery

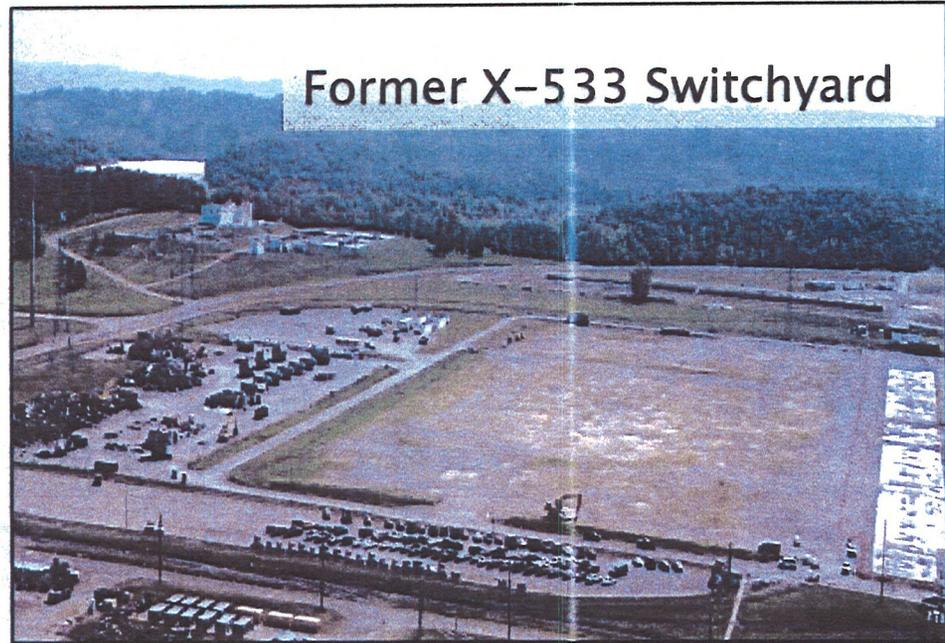
Summary of Assets Transitioned to SODI

More than 18 million pounds of mixed scrap metal

More than 270,000 gallons of recycled oil

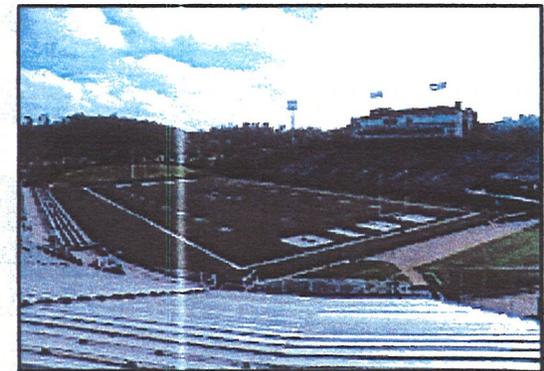
Miscellaneous reusable items from the X-744-N, P, & Q warehouses, including a semi tractor truck and 1940s drill rig

20,000 pounds of high quality, usable office furniture and equipment



Former X-533 Switchyard

Enough metal to cover a football field, 7 feet high.





Plant Updates

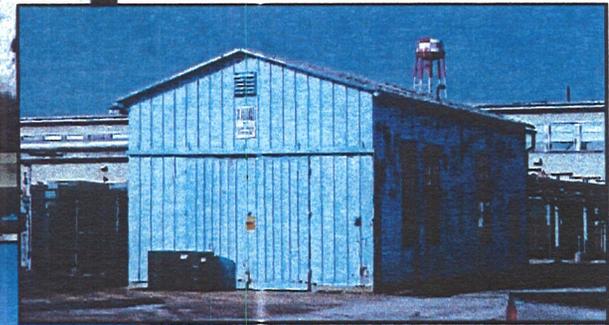
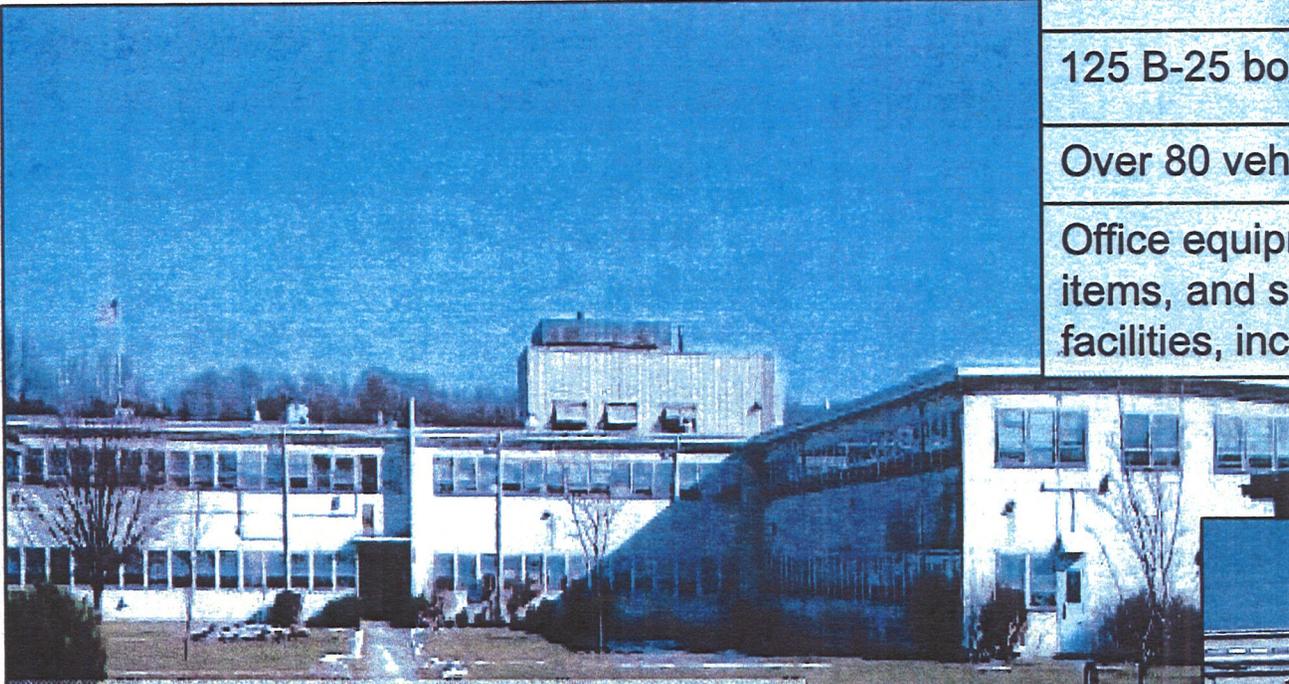
Investment Recovery

Upcoming Asset Transition Opportunities

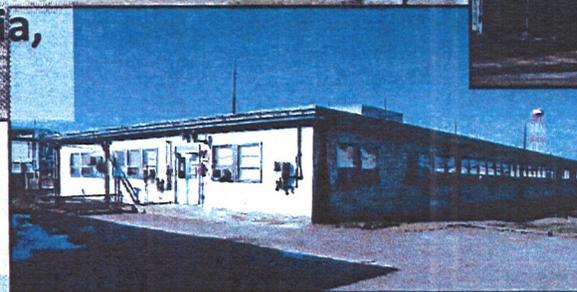
125 B-25 boxes of clean scrap metal

Over 80 vehicles

Office equipment, miscellaneous items, and scrap metal from multiple facilities, including the X-100 complex.



X-100 Complex includes the administration building, the cafeteria, and the hospital.





Plant Updates

Groundbreaking at Infra-Metals



Infra-Metals will join SFI of Ohio, OSCO and A&M Refractory in the Robert Walton Sr. Industrial Park, and hire approximately 100 people.

Summary of Economic Benefits

More than \$4.2 million in revenue generated

More than \$1.9 million paid to DOE by SODI

\$150,000 economic development grant provided to the Southern Ohio Port Authority

8 Jobs created by SODI and local vendors

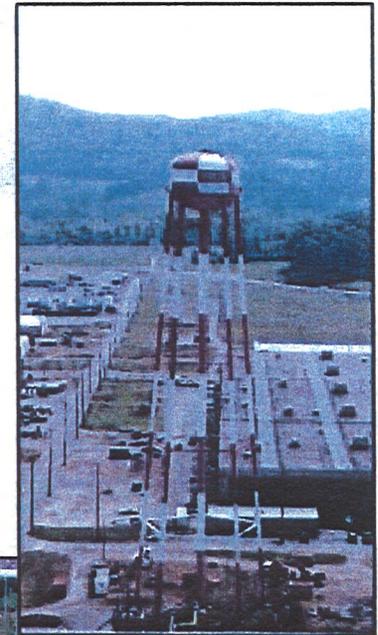


Plant Updates

USEC Facility De-Lease Update



Fluor-B&W has assumed functional responsibility for emergency management, fire protection, and infrastructure at the Portsmouth Gaseous Diffusion Plant.





Plant Updates

Depleted Uranium Hexafluoride (DUF₆) Conversion Facility



**Cylinders containing DUF₆ await processing
at the Conversion Plant operated by
Babcock & Wilcox Conversion Services.**



Regulatory Progress

Decision Documents

The Engineering Evaluation and Cost Analysis for the Plant Support Buildings and Structures at the Portsmouth Gaseous Diffusion Plant, Piketon

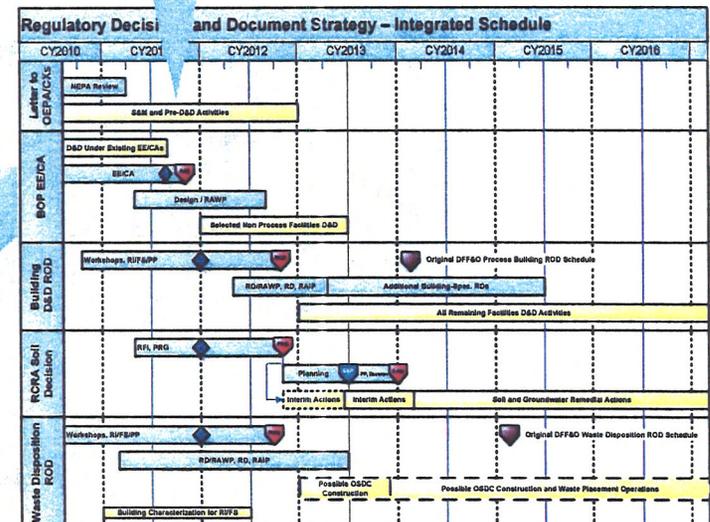
✓ Ohio EPA Concurrence received.

✓ 30-day Public Comment Period began October 24, 2011.

➤ Public Availability Session on November 10, 2011 from 6-8pm in Room 165 at Endeavor Center.

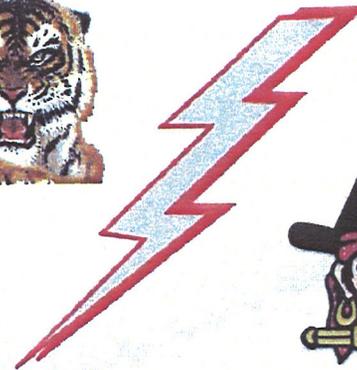
November 3, 2011

Balance of Plant Engineering Evaluation and Cost Analysis





Public Outreach



3 Days...



20 Schools...



1200 Students and School Personnel...



11/03/2011

Science Alliance

October 12, 13, & 14, 2011



11/03/2011

16

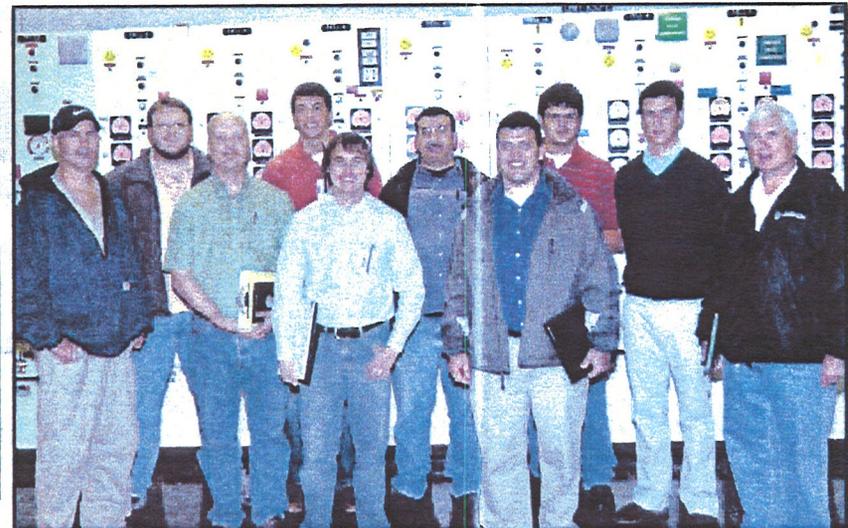


Public Outreach



Members of the Ohio House and their legislative aides, as well as officials with the Edison Welding Institute in Columbus, toured the site.

Site Tours



Members of a nuclear fuel cycle class at The Ohio State University visited the DOE Portsmouth Site Friday, October 21.



Calendar



SSAB Subcommittee Meetings

4:30pm Environmental Cleanup and Land Preparation

6:00pm Waste Disposition and Recycling



Balance of Plant EECA

6:00pm Public Availability Session and
Environmental Information Center Open



SSAB Full Board Meeting

6:00pm



SSAB Subcommittee Meetings

4:30pm Environmental Cleanup and Land Preparation

6:00pm Waste Disposition and Recycling

**These meetings will be at
Endeavor Center in Room 165*

***Quarterly Public Meeting
coming in January 2012***