

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

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U.S. Department of Energy



**Portsmouth Site Specific Advisory Board
November 1, 2012**

Agenda

- ▶ Plant Updates
- ▶ Regulatory Progress
- ▶ Public Outreach
- ▶ Planning for the Future
- ▶ Upcoming Events





Support Building D&D



X-100 DEMOLITION

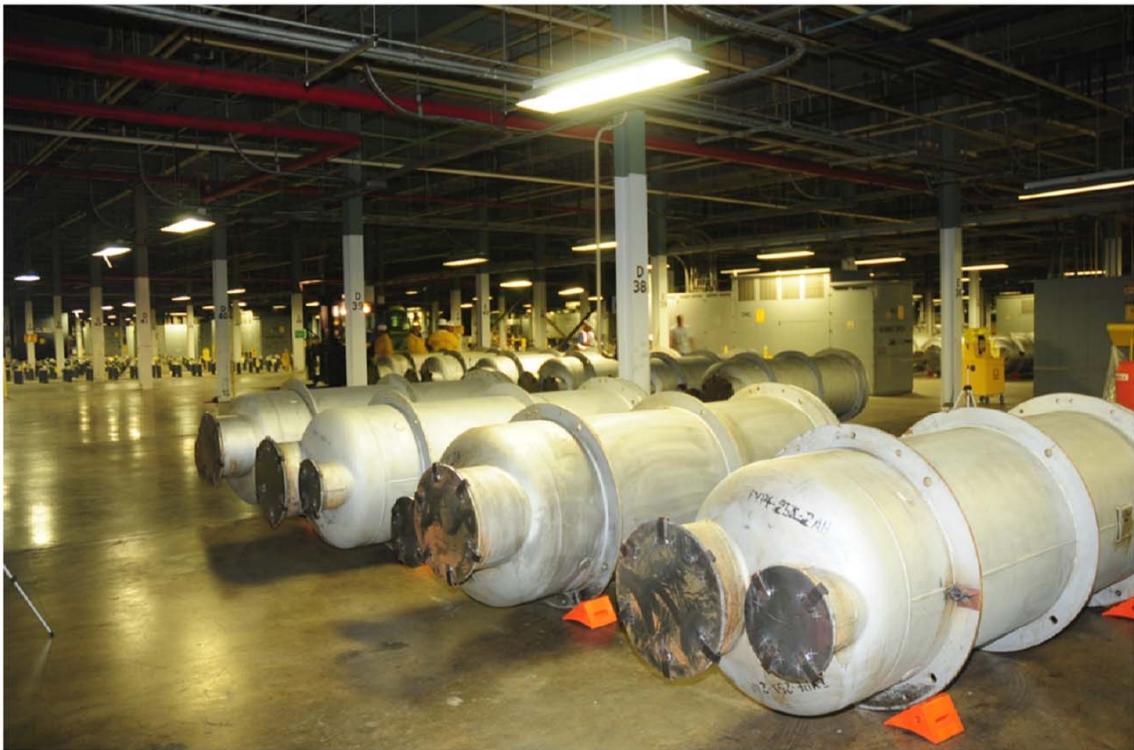


Successful demolition of the former X-10 Administration Building





X-326





Waste Disposition





Waste Disposition



X-533 Synchronous Condenser Move Offsite



Environmental Remediation



**Groundwater Treated :
28.2 Million Gallons
in FY2012**

**TCE Removed:
332 Pounds
in FY2012**

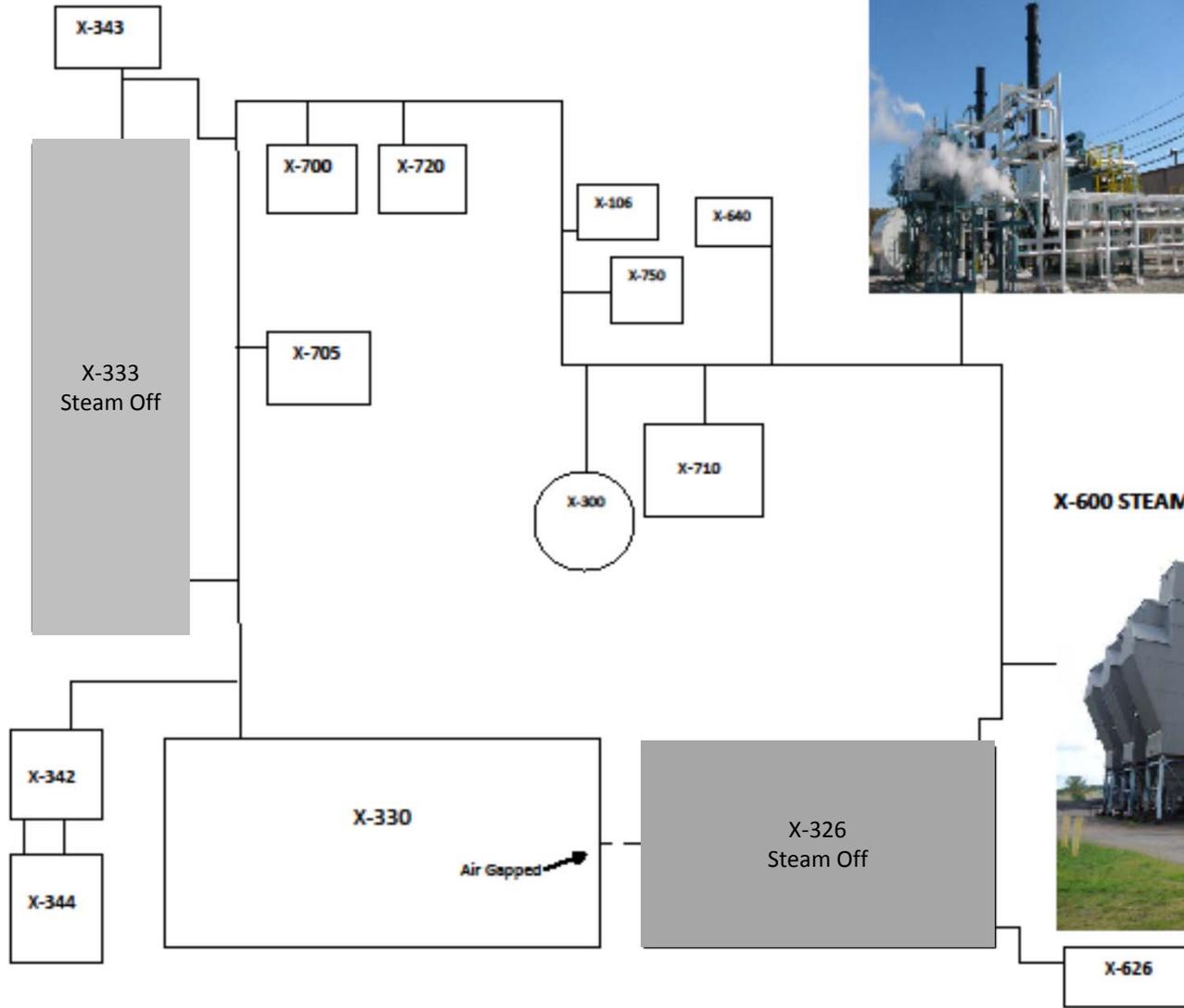


New Steam Plant

UTILITIES OPTIMIZATION

PORTS – STEAM DISTRIBUTION SYSTEM

X-690 STEAM PLANT (FULL SERVICE 10/16/12)



X-600 STEAM PLANT (OFF LINE ON 10/16/12)



B&W Conversion Services (BWCS) has processed 3271 metric tons of DUF6 as of September 25.

BWCS has safely shipped over one half million gallons of HF during FY2012

At the end of FY2012 all three lines had been running for 47 days.

As of Monday, October 29, 2 lines were running and one is in a planned outage.



DUF6 Conversion Plant



Regulatory Progress: Waste Disposition RI/FS 9 Sections & 13 Supporting Appendices

Sections	Associated Appendices
1. Introduction	
2. Study Area Investigation	A. Analytical Sample Results B. Boring and Well Installation Logs C. Geotechnical and Geochemical Sample Results
3. Physical Characteristics of the Study Area	D. Characteristics of Final Candidate Sites
4. Waste Streams and Volumes	E. Waste Volumes
5. Potential Threat to Human Health, Safety, and the Environment	F. Quantitative Human Health Risk Evaluation
6. Summary of Problem Statement	
7. Preliminary Identification and Screening of Waste Disposition Alternatives	G. ARARs H. Subsidence Avoidance Process Options I. Evaluation of On-site Disposal Process Options J. Draft Numerical WAC
8. Final Development of Alternatives	K. On-site Disposal Cell Conceptual Design
9. Detailed Analysis of Alternatives	L. Methods and Results to Support Individual Analyses of Alternatives M. Cost Estimate N. Sensitivity Analysis of On-site Disposal with Remedial Action of Plumes and Landfills



Public Outreach/Science Alliance





Public Outreach/Public Meeting





Planning for the Future

Wells needing power source 

Operating well 



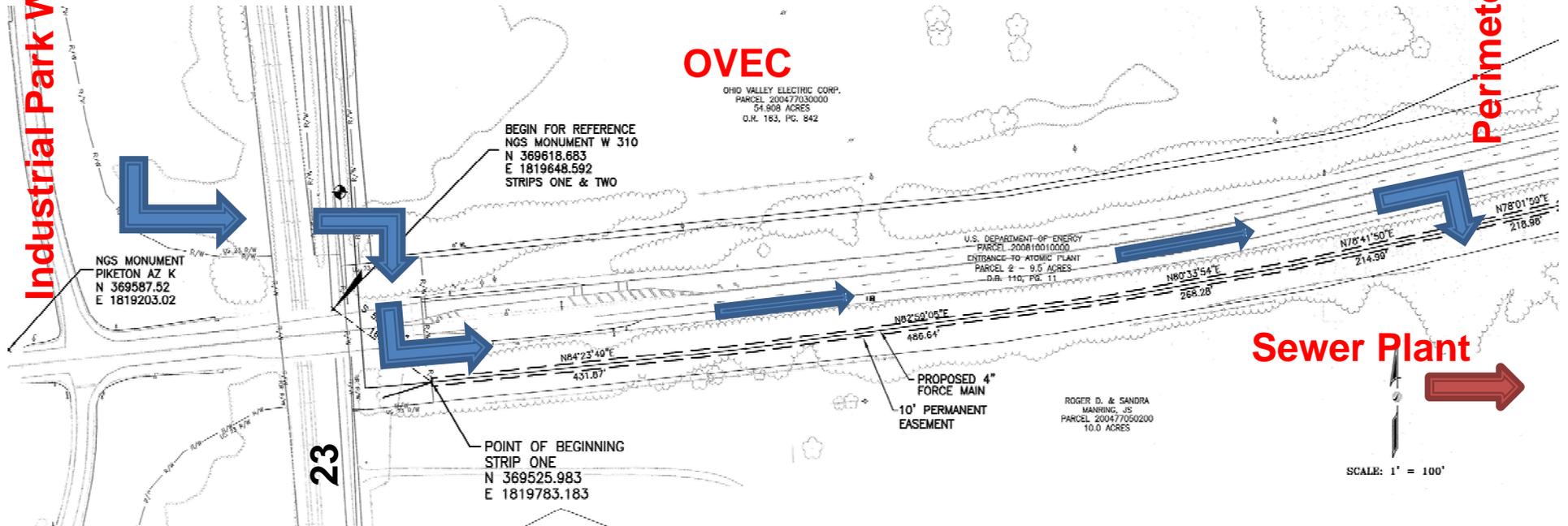
Old Pump House

Piketon Water Supply



Planning for the Future

Industrial Park Water Line





Upcoming Events



SSAB Full Board Meeting Thursday, January 10

**MARK YOUR
CALENDAR!**

*For a full list of SSAB activities,
check out the website at
<http://www.ports-ssab.energy.gov>*