Waste Management Panel
Bob Nichols
Director of Surveillance and Maintenance / D&D
March 1, 2011
On August 16, 2010, Fluor-B&W Portsmouth was chosen by the U.S. Department of Energy (DOE) to lead the decontamination and decommissioning of the Portsmouth Gaseous Diffusion Plant in Piketon, Ohio.
Contract Work Scope

- Demolition and disposal of 315 Facilities and the associated material inventories and process equipment
- 133 buildings with 10,600,000 ft² of floor space
- Release of suitable clean areas for reindustrialization
- Remediation of groundwater and over 600,000 yd³ of contaminated soil
- (2) CERCLA RODs
- Option (Subject to approval) for Onsite disposal cell design, build, and operate
Current Status

• Transition extended to 3/28/11
• Assume control of the 3 major Process Buildings and over 180 other GDP facilities
• Continue CERCLA process for D&D and waste disposition following Ohio EPA Director’s Final Findings and Orders
• DOE accelerating the de-leasing of the balance of site, GFSI, utilities, and infrastructure, to be completed by June 30, 2011
On the Horizon

• Transition of two contractors
  • Lata/Parallax Portsmouth – Government contractor
  • USEC – Private commercial company

• Advanced transition of 3 process facilities and fast-track D&D

• Complete cold shutdown
  • Extend selected operations for source term reduction
  • Cylinder management and disposition operations
On the Horizon

• Streamlining regulatory documentation and decision making to accelerate D&D
• Evaluating flexible waste disposition opportunities for on- and off-site disposition
• Developing parameters for the first uranium sales transaction
• Increase community involvement in the regulatory process and future site use