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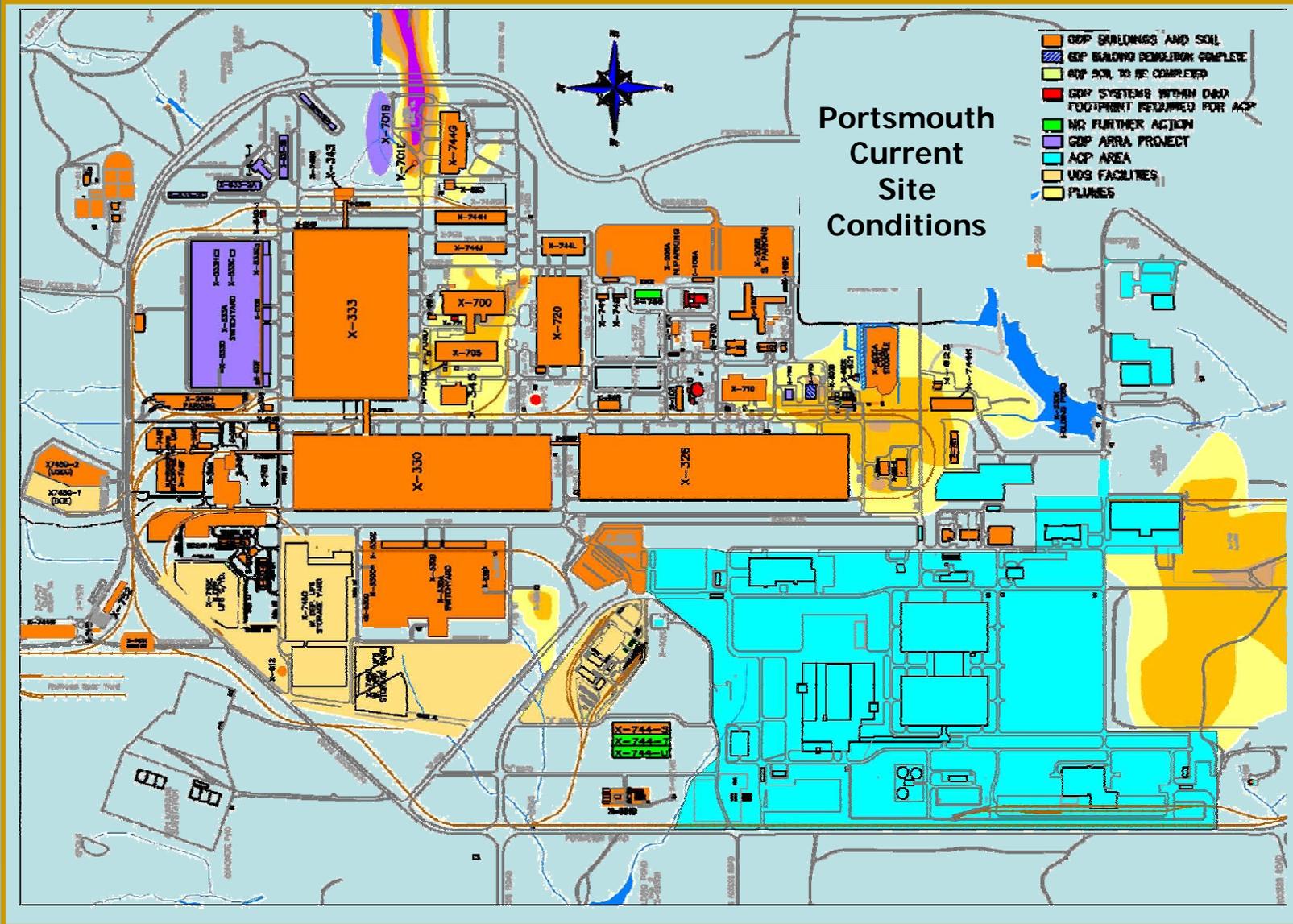


*SITE SPECIFIC ADVISORY BOARD (SSAB)
D&D Committee
Endeavor Center, Piketon, Ohio
January 12, 2010*

Status Report
D&D Programs at the
Portsmouth Gaseous Diffusion Plant
Joel Bradburne
Deputy Designated Federal Official

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2009 Site Conditions



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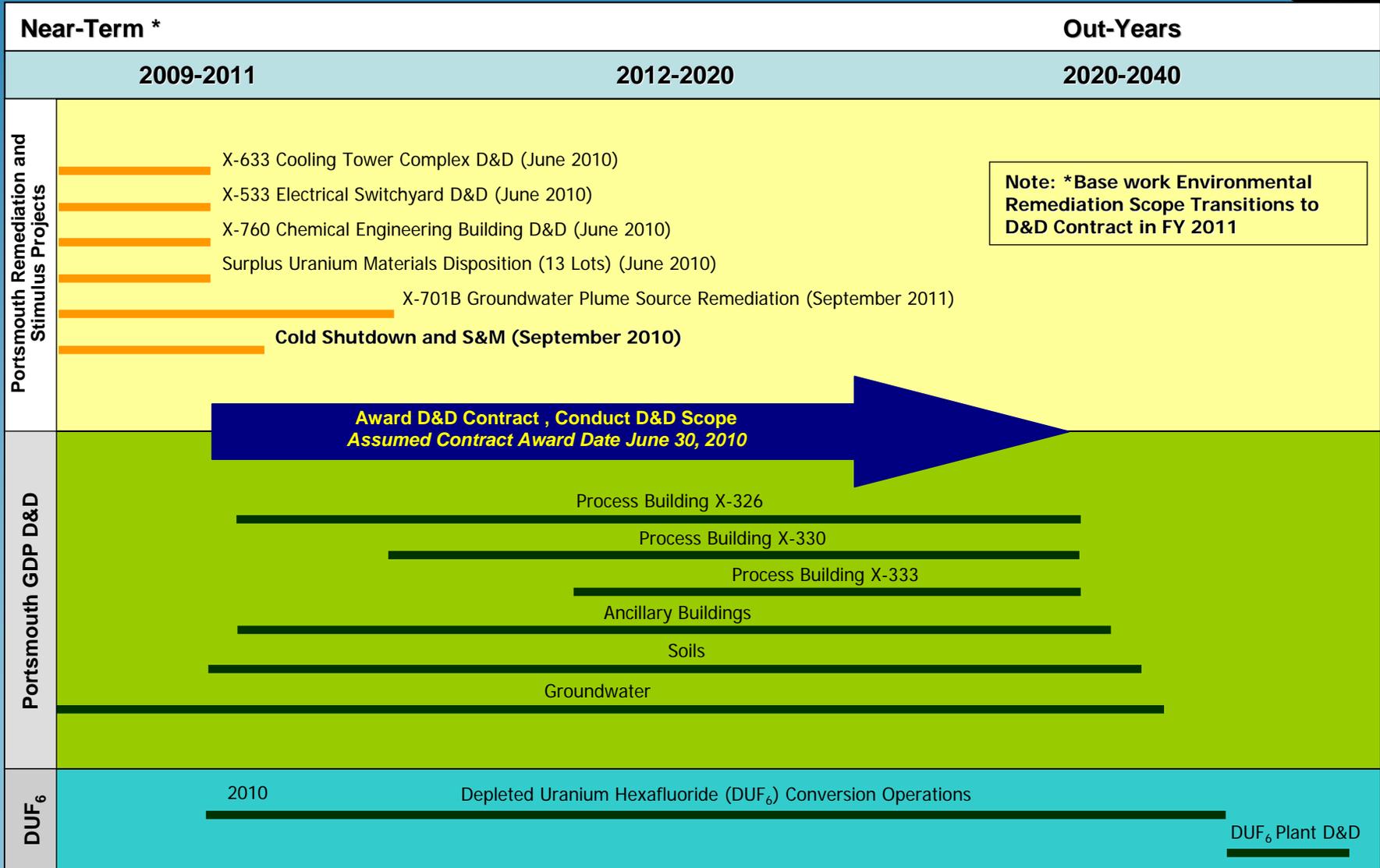


D&D/Remediation Project Scope

- D&D of Portsmouth GDP includes the following assumptions:
 - Removal of facility contents and equipment
 - Demolition of the facility
- D&D of a building or group of buildings will be followed by characterization of the soils and groundwater beneath the building or group of buildings, and then remediation of contaminated soils and groundwater to meet the agreed upon regulatory requirements for the cleanup.
- The wastes from these activities will be disposed or recycled in accordance with an agreed upon regulatory approach.
- Some facilities may be evaluated for re-use opportunities.

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Projected Completion Schedule

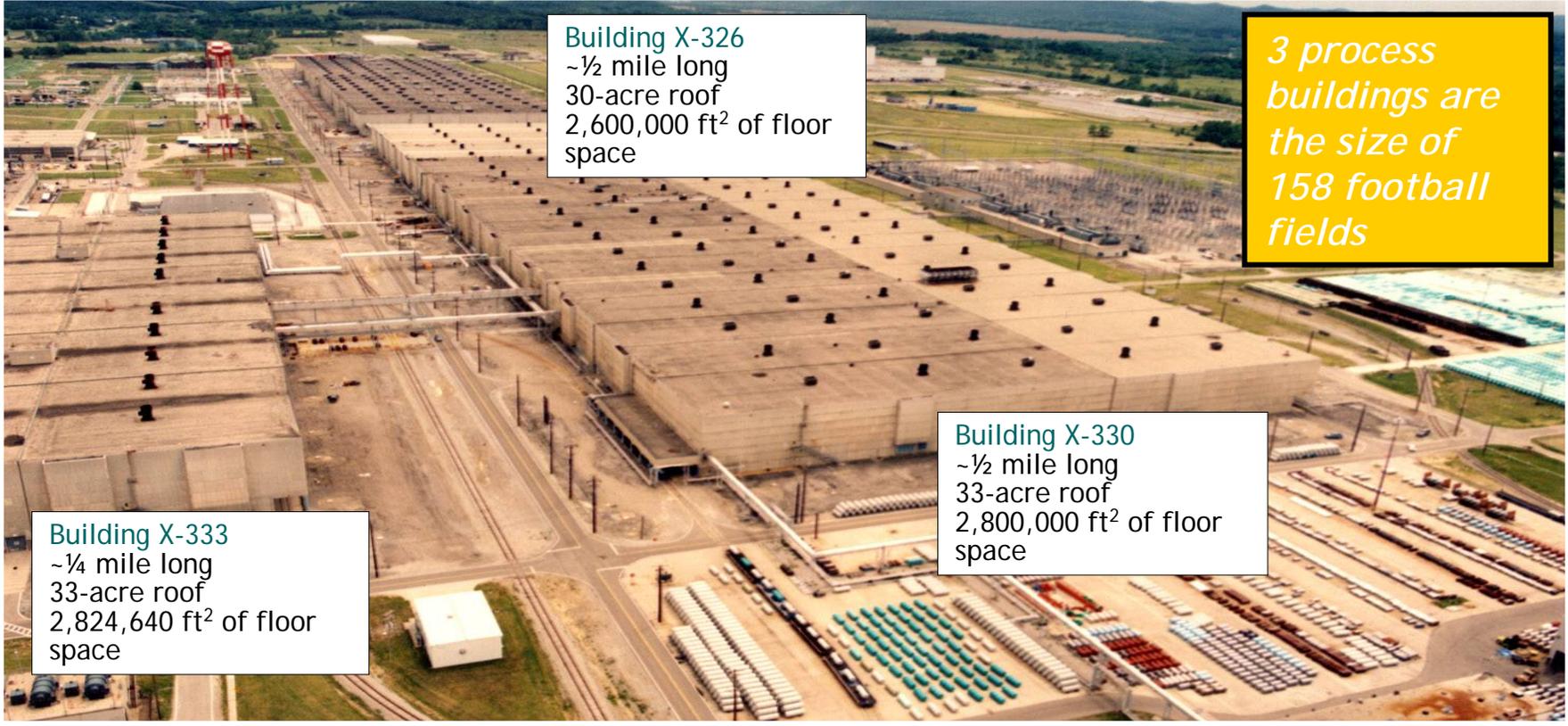


Note: *Base work Environmental Remediation Scope Transitions to D&D Contract in FY 2011

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D&D Contractor First Priority - Three Large Gaseous Diffusion Process Buildings

An aerial photograph showing three massive, rectangular industrial buildings with flat roofs, arranged in a row. The buildings are surrounded by a network of roads, utility lines, and parking lots filled with cars and trucks. In the background, there are green fields and a red water tower.

Building X-326
~½ mile long
30-acre roof
2,600,000 ft² of floor space

3 process buildings are the size of 158 football fields

Building X-333
~¼ mile long
33-acre roof
2,824,640 ft² of floor space

Building X-330
~½ mile long
33-acre roof
2,800,000 ft² of floor space

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Process Buildings Pre-D&D Preparation Activities

- Continue current Surveillance & Maintenance Program.
- Remove residual process-related nuclear material from cascade system components.
- Place all process equipment, utilities & systems in safe configuration.
- Remove process equipment, components, chemicals & hazardous materials inventories.
- Evaluate all items & components for reuse, recycle or disposal.



Future Vision

- Transfer leased facilities from USEC to DOE.
- Work with State (Ohio) regulators to finalize new Regulatory Agreement.
- Continue working with public, SSAB, and regulators to develop necessary cleanup decisions.
- Implement process to exchange excess uranium for services.
- Evaluate D&D proposals and award contract.
- Develop a D&D/Cleanup Project Management Baseline for the accelerated plan.
- Proceed safely with the D&D work on the site.
- Coordinate D&D work with reindustrialization efforts.

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BACKUP SLIDES

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Portsmouth Site Overview

- **Current 2010 site employment: 2100 workers**
- **The plant is on a 3,777 acre federal reservation – about 1,200 acres are within the 7-mile long perimeter road that encircles the facilities**



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Portsmouth Decontamination and Decommissioning (D&D) Procurement

- DOE issued a RFP for the D&D Project on June 24, 2009.
- Proposals were submitted by bidders November 13, 2009.
- Bidders' Proposal responses are presently being evaluated.
- The anticipated D&D Contract award date is June 2010.

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The D&D Contract Includes:

- Facility Surveillance and Maintenance
- Facility Decontamination and Decommissioning (D&D)
- Environmental Remediation (contaminated soils and groundwater)
- Waste Management
- Nuclear Material Storage, Disposition, and Accountability
- Project Management, Safety, Regulatory Planning, External Interactions, and Stakeholder Involvement

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Estimated D&D Waste Quantities

Preliminary D&D Waste Sources	Estimated Waste Quantity	Size Comparisons
D&D Waste	1,700,000 m ³	54,000 railroad cars making a 500-mile long train stretching from Portsmouth to Washington, DC
Remedial Action Waste	450,000 m ³ of soil	13,000 railroad cars making a 123-mile long train
Total Number of Buildings / (Sq. Ft.)	134 / 10,600,000 ft ²	Twice the space of the Pentagon
Electrical Wiring	4,600 miles	Would stretch from Portsmouth to the Pacific Ocean and back
Process Piping	600 miles	Would stretch from Portsmouth to the Atlantic Ocean



Portsmouth D&D Summary

- The D&D contract period of performance is for a 5-year base with a 5-year option.
- The RFP includes a funding profile assumption with a range of \$250 M to \$325 M per year.
- The project is expected to employ between 1,000 and 1,500 workers.
- The original project was approved with a conceptual cost range of \$5 B to \$12 B and a completion schedule of 2044.
- The accelerated approach to D&D will save several billion dollars and will reduce the schedule by many years.