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BUDGET AND LIFECYCLE PLANNING SUBCOMMITTEE

TUESDAY, APRIL 14, 2015 @ 4:45 P.M.

**THE PURPOSE OF THIS MEETING IS TO DISCUSS THE LIFECYCLE BASELINE 201 WITH
THE SSAB SUBCOMMITTEE**

AGENDA

- LIFECYCLE BASELINE 201-JOEL BRADBURNE, DOE AND DENNIS CARR, FBP
- MISCELLANEOUS

ADJOURN



BUDGET AND LIFECYCLE PLANNING SUBCOMMITTEE

MEETING SUMMARY

APRIL 14, 2015 • 4:45 P.M.

THE OHIO STATE UNIVERSITY ENDEAVOR CENTER
1862 SHYVILLE ROAD, PIKETON, OH 45661

SSAB Subcommittee Members Present: Stan Craft, chair; Bob Berry, vice chair; Lisa Bennett, Martha Cosby, Adrian Harrison, Sharon Manson, Charlene Payne, Cristy Renner

SSAB Subcommittee Members Absent: NONE

Other SSAB Members Present: Al Don Cisco, Carol Caudill, Carlton Cave

U.S. Department of Energy (DOE) and contractors: Joel Bradburne, Greg Simonton, DOE; Rick Greene, Joe Moore, Restoration Services, Inc. (RSI); Dennis Carr, Jeff Wagner, Jack Williams, Fluor-B&W Portsmouth (FBP)

Liaisons: Maria Galanti, Melody Stewart, Ohio Environmental Protection Agency (EPA); Mike Rubadue, Ohio Department of Health (ODH)

Support Staff: Eric Roberts, Julie Galloway, Cindy Lewis, EHI Consultants (EHI)

Public: None

Craft opened the meeting

1. Lifecycle Baseline 201 –Joel Bradburne, DOE and Dennis Carr, FBP:

- **PORTS D&D Project Organization**
- **Work Breakdown Structure and Division of Responsibility**
- **Project Execution Strategy**

Renner: What do you mean when you say sampling it away in Fernald?	Carr: Sampling means we continued to take samples until it was gone. Then the lab was allowed to dispose of it.
Cisco: There are three cells are they going to be different degrees of contamination or will they all be the same? Are you producing stuff now that could go in the cells?	Carr: No, each cell will be the same, just trying to have enough space. No, we are not setting anything aside to put in the cells yet.

2. Miscellaneous: No discussion at the time.

Craft: adjourned the meeting

3. Action Items:

- None

PORTS D&D Project Organization

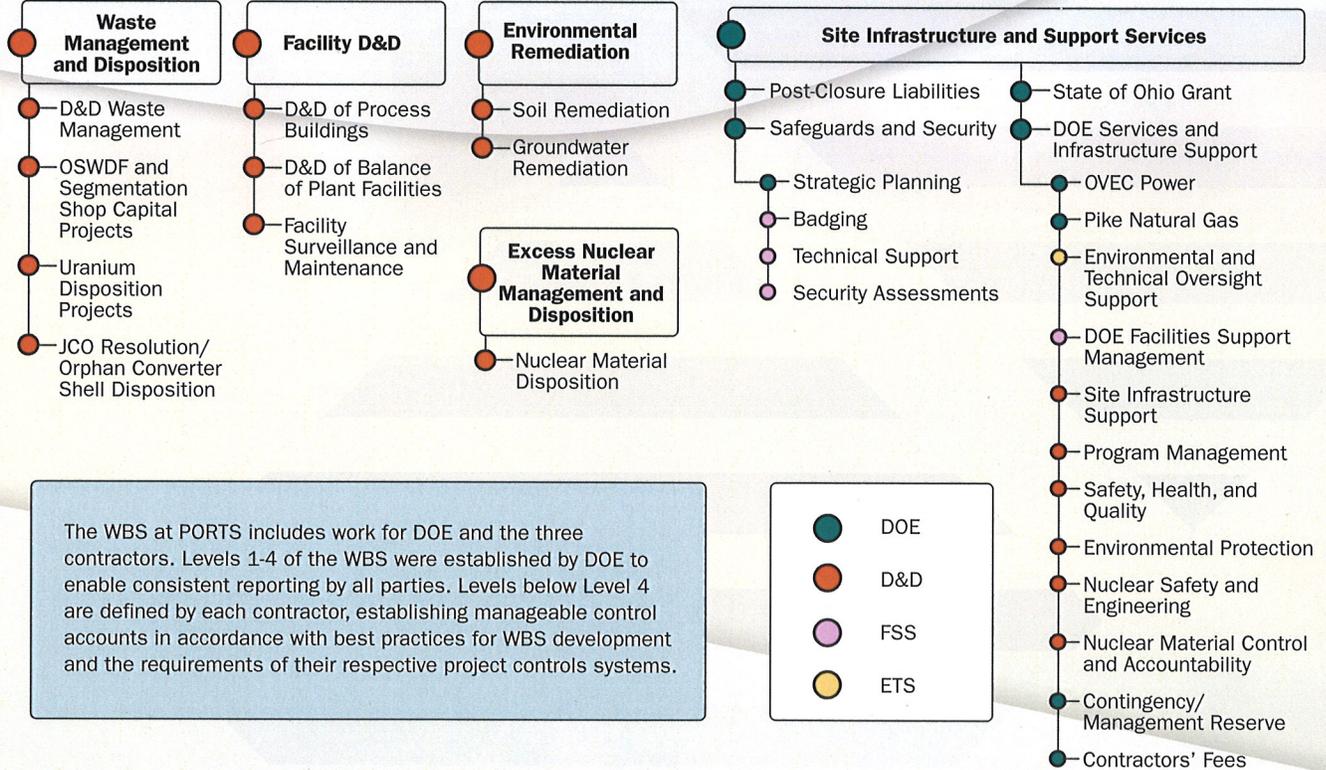


The PORTS Work Breakdown Structure (WBS) includes activities for DOE and three contractors: the Decontamination and Decommissioning (D&D) Contractor, the Environmental Technical Services (ETS) Contractor, and the Facilities Support Services (FSS) Contractor.

DOE holds ultimate responsibility for achieving the objectives for the PORTS site and funds and oversees the work of the three contractors to that end. The ETS Contractor acts as DOE's technical representative, overseeing the work done by the D&D and FSS Contractors for quality, cost reasonableness, and adherence to contractual requirements. The FSS Contractor provides ongoing facility operations support. The D&D Contractor provides program management and implementation of the site operations, D&D, environmental remediation, and waste management objectives for PORTS.



Work Breakdown Structure and Division of Responsibility



Project Execution Strategy

A Lifecycle Plan has been developed for the safe completion of the PORTS D&D Project. This plan is designed to be a living document being progressively updated to reflect the best ideas and lessons learned across the duration of the D&D project.

Foundational Elements of the Lifecycle Plan

- Anchored on Decontamination & Demolition of the three main Process Buildings with debris disposal in an On-site Disposal facility (OSWDF).
- Capacity of the OSWDF designed to accommodate the volume of waste from the D&D project given its current uncertainties.
- Place debris waste in the OSWDF using fill obtained from the excavation of contaminated soil from the site's landfills and groundwater plumes.
- Ship off site materials not meeting the OSWDF Waste Acceptance Criteria (WAC).
- Continue safe operations to disposition the site inventory of accountable materials, cylinders, and containerized legacy waste.
- Meet regulatory obligations for environmental monitoring and groundwater pump/treatments.
- Advance the demolition of facilities in a manner fully integrated with both the construction of capacity in the OSWDF, the excavation of plumes for fill, and the needed cleanup/certification of impacted areas of soil.
- Explore the viability of recovering the barrier material from X-333 and X-330 and if deemed viable consider retro fit of X-700 or X-333 for the needed segmentation shop.
- Achieve an end state vision that includes leaving usable utility infrastructure for future community use with final grading to ensure safety and positive drainage.

On-site Waste Disposal Facility



Project Priorities For Next Five Years

- Complete Cut and Cap, removal and shipment of X-326 PGE
- Complete Auxiliary Systems Deactivation; achieve Crit Incredible and Cold and Dark of X-326
- Complete demolition and disposal of X-326
- Construct and operate three OSWDF cells
- Excavate approximately 350,000 cubic yards of soil from X-740 and X-701B plumes to support placement of X-326 demolition debris
- Complete NDA Characterization of X-333
- Deactivate and demolish X-710 Lab Building, X-626 Cooling Tower, and other BOP facilities
- Complete Conceptual and Detailed Design of converter Segmentation Shop for nickel recovery
- Complete barter operations and autoclave operations to address enriched cylinders and misc. cylinder inventory
- Disposition accountable items and RCRA waste in X-326, Lots 14 and 4a
- Operate X-705 to disassemble PGE, and disposition removed deposits
- Complete characterization and regulatory decision documentation for deferred units

Equipment Removal



Process Building D&D



Barter Cylinder Transfers



Balance of Plant D&D

