

Overview

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of January 2006.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely, and cost-effective cleanup; progress against the contract with RL; project cost summary analysis; and overviews of safety and critical issues that identify the high-level challenges to achieving cleanup progress.

Notable Accomplishments

Nuclear Materials Stabilization and Disposition (Project Baseline Summary [PBS] RL-0011)

Disposition the Plutonium Finishing Plant (PFP) Facility

- Shipped 20 solution containers for a total of 346 through January 26, 2006
- 232-Z scrubber cell entries were made: external pipe pieces were removed which allowed contamination inside the enclosure to be fixed, and the second blower electric motor was disconnected
- Electrical isolation was completed in support of the third increment of glove box decontamination/removal
- Fifty percent of process piping has been removed from both the 241-Z D-8 cell and D-5 cell
- Completed conceptual design for the Interim Secure Storage Facility (ISSF)
- Completed the shielding analysis, preliminary fire hazards analysis, thermal analysis of the storage array, and thermal analysis of 3013 can/carrier for ISSF
- Initiated Advanced Conceptual Design for the ISSF

Spent Nuclear Fuel (SNF) Stabilization and Disposition (PBS RL-0012)

Sludge Retrieval and Transfer: Progress continued ahead of schedule in the K East Basin. K East debris unit removal is 354 units ahead of plan (87 percent, 1394 of 1594). K East sludge containerization resumed sludge pumping one month early (January 10 versus February 9, 2006) and sludge vacuuming is 1019 cubic feet ahead of schedule (18 percent, 1641 of 8925).

Four IP-2 containers and three roll-off boxes were shipped to the Environmental Restoration Disposal Facility (ERDF).

K West Basin progress for debris and canister lid removal also continues ahead of schedule. K West debris removal is 112 units ahead of schedule (53 percent, 482 of 914), and K West canister lid removal continues on an as found/needed basis and will be tracked as an accumulated total (currently 75 percent, 5732 of 7636).

The number of identified discrepancies associated with drawings and equipment, as well as the number of change notices required to correct the deficiencies has continued a downward trend, thereby taking the engineering effort off the critical path. This progress is reflected in the number of construction installation work package completions and the commencement of acceptance testing.

Sludge Treatment: The Corrosion System 60 percent design review was conducted, and Review Comment Records were informally delivered to British Nuclear Group of America (BNGA) on December 29, 2005.