West Valley Demonstration Project

Project Update

March 28, 2007, CTF Meeting

WVDP Safety

- On March 23, WVDP achieved 4,773,200 safe work hours – 226 weeks – without a lost time work injury or illness
- The increase in TRC and DART is due to a second recordable injury: a back strain that required medical attention
- Two First Aids
  - An employee struck his head on a valve stem; treated for minor laceration and returned to work
  - An employee pinched his hand while moving furniture, ice was applied and the employee returned to work

TRC 1.3
DART 0.8
Drum Cell

- Drums are carefully loaded into gondola rail cars
- Drum removal and packaging going well, with several drums packaged for future shipments

As of March 20:
- 3015 drums removed, 1008 drums shipped so far in 2007
- Total drums shipped: 1532 (2006 & 2007)
- First rail shipment left WVDP on March 21
Main Plant Work

- Removal of contaminated debris continues in Main Plant
  - Solidified all remaining liquid waste in Hot Cells
  - Completed cleaning of Hot Cells 1 and 2 and washed down pans
  - Sorting begun in Sample Storage Cell
  - STS Valve Aisle waste packaging mockups started
- First tank from FRS (Fuel Receiving and Storage) Pump Pit removed; work underway for removal of piping, conduit and additional equipment

Footprint Reduction

- Consolidation of maintenance functions well underway
  - Main 1 Warehouse is demo ready
  - Maintenance Storage Area removed
  - Maintenance functions being consolidated in Vit Test Facility
  - Personnel infrastructure (e.g., locker rooms, break rooms) being relocated to Vit Hill Trailers
Waste Management

- Legacy Waste
  - Processed and shipped approximately 11,000 cubic feet of low-level waste
- Remote Handled Waste Facility
  - Target: process 22 boxes of waste
  - 14 boxes complete; working on box 15

Example of waste box in Remote Handled Waste Facility.

Planning

- NDA Cap
  - Cap and slurry wall design are underway with completion by June 30, 2007
    - Subcontracted design being performed by local experts
    - Preliminary design presentation in mid-April
    - Planning underway for potential construction start this year
- Stored Liquid Management
  - Tabulation of all tank and sump liquids in storage nearly complete; evaluating treatment and disposal alternatives
    - Ship for off-site treatment and disposal
    - Treat on-site and ship for disposal
    - Treat on-site and store
Planning

- North Plateau Groundwater Plume
  — Conducting review of technologies and management approaches to address the North Plateau groundwater plume

Ongoing Activities

- Core Team: March 6 & 8, March 28-30
- Regulatory Roundtable: March 7
- Contract Status
- Surplus Equipment
  — Next Auction: June 16
    • 7020 Henrietta, Springville NY
    • www.cashauction.com
  — E-Bay
    • www.mattesoncorners.com