Project Update

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DOE West Valley Demonstration Project

June 28, 2006, CTF Meeting
Safety – The Goal is Zero

- 4,109,200 work hours without a lost time work accident
- One first aid in past month
  - Lacerated finger
  - Treated and returned to work
- One recordable injury in past month
  - Foreign matter blown into an eye by wind
  - Dirt removed; no work restriction
- Total Recordable Case Rate (TRC) 0.7
- Days Away, Restricted, or Transferred (DART) 0.2
- Cleaned up contaminated rodent and wasp nests found last week in cargo container
Organizational Changes

—West Valley reports to the Office of Site Support and Small Projects

—DOE West Valley Director position
  • Interviews conducted week of…
  • Position will be filled by…
Decommissioning EIS
—Meeting with cooperating agencies in New York City on June 15, 2006
—EPA identified a vision for the West Valley site:
  • Key Components
    – Remove tanks, processing building and groundwater plume source area
    – Outer portion of plume to decay in place under NYSERDA control
    – Build robust engineering features to contain waste in the South Plateau disposal areas (NDA & SDA) and divert water and place under long-term NYSERDA control
  • EPA proposed this could complete DOE’s work at the site and control could be returned to NYSERDA
  • These actions, along with a range of other alternative approaches, are being evaluated in the Decommissioning EIS
  • DOE and other agencies will consider EPA’s proposal and other approaches
Work Scope through December 2006

— Ship Low-level radioactive and industrial waste for offsite disposal; prepare Transuranic waste for shipment

— Continue decontamination of the Main Plant (former reprocessing facility)

— Continue infrastructure reduction efforts

— Continue environmental monitoring and routine maintenance
Project Update

- **Hardstand cleanup continues**
  - Vitrification Hardstand
    - Complete
  - AA Hardstand cleared
    - Being used for size reduction and waste segregation activities
  - Warehouse Hardstand
    - All excess materials removed
    - ~2/3 of original area will continue to be used for material storage
  - NDA Hardstand
    - Most excess materials removed
    - Concrete materials remain (unused Surepakks, test weights)
  - CDDL Hardstand
    - Most materials removed
    - Concrete materials and a truck flatbed remain
Waste Shipped

Cubic Feet

This Month*

Cumulative Shipped in CY06

*The amount of LLW shipped between 5/19/06 – 6/20/06

LLW Industrial

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- **Warehouse Tent**
  - Removed and size reduced
  - Second structure removed this year

- **Former Process Building**
  **Boiler Removal Project**
  - Asbestos removal complete
  - Ancillary equipment removal underway

*Boiler Being Prepared for Removal*
Removal of drums of cemented waste from Drum Cell is underway

- Drums will be sent to Nevada Test Site for disposal
- Encountered technical difficulties with hoist and drums; now resolved
- 56 pallets of drums have been removed thus far; Fixative application on drums retrieved is underway
- Preparing for transport to NTS
Project Update

Infrastructure Reduction Project

- Main Plant boiler system shut down for the summer
  - Natural gas consumption reduced
- Preparing for repair of Main Plant roof this year
- Lagoon 4 drained and cleaned; air spargers (aerators) repaired
- Inspected 18’ diameter culvert pipe under the WVDP rail spur
  - Found in good condition
**Project Update**

- **Springville Day of Caring**
  - Thursday, May 25, 2006
  - Bertrand Chaffee Hospital
  - Community effort
  - ~60 WVDP employees participated

- **West Valley Day of Caring**
  - Thursday, July 13, 2006
  - West Valley Central School