



West Valley Demonstration Project

Project Update

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DOE West Valley Demonstration Project



Project Update

- ◆ 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



Project Update

◆ 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...



Project Update

◆ 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



Project Update

- ◆ 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 Surepaks, test weights)

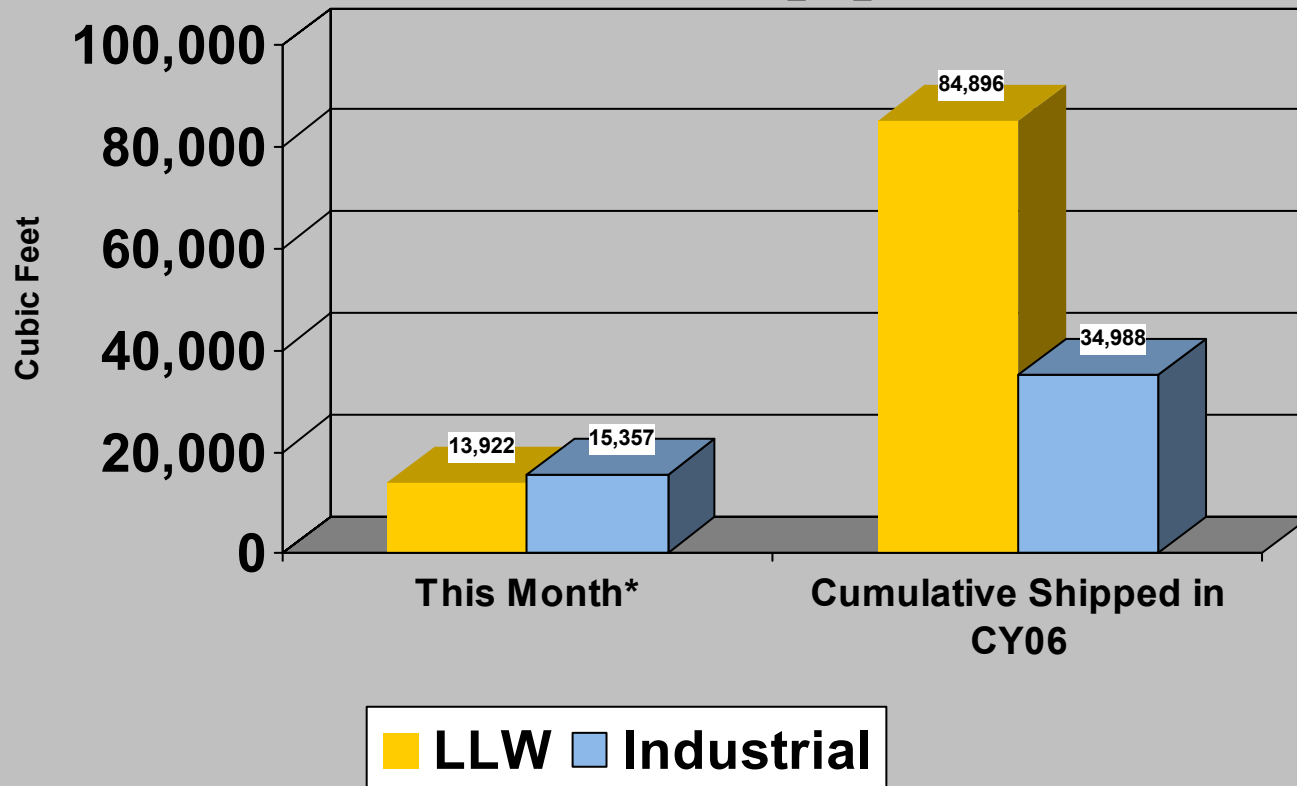
—CDDL Hardstand

- Most materials removed
- Concrete materials and a truck flatbed remain



Project Update

Waste Shipped



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



Project Update

- ◆ **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



Project Update

- ◆ **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



Drum is surveyed for radiological contamination



Drums are loaded on pallet in preparation for shipment



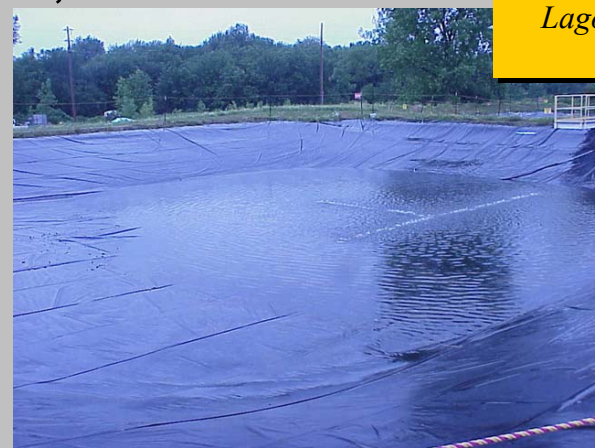
Project Update

◆ 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



Lagoon 4 Before and After





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

