



West Valley Demonstration Project

Project Update

October 25, 2006, CTF Meeting

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WVDP Safety

- ◆ 4,486,800 work hours without a lost time work injury or illness as of 10/23/06
- ◆ First Aids
 - Pinched hand while removing duct work (9/21)
 - Eye irritation while working on O2 Building roof (9/28)
 - Back discomfort after removing a lid from an intermodal (10/5)
 - Cut finger while using personnel contamination monitor (10/16)
 - Small tear of skin on left knuckle (10/18)
 - Back and hand bruised and redness to the back of the neck (10/19)
- ◆ Recordable
 - Cut finger – sutures required (10/23)
- ◆ Shoe Contamination in Main Plant

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Waste Disposition

◆ Waste Disposal

—September 20 – October 18, 2006

- 19,427 cubic feet of industrial waste
- 19,062 cubic feet of radioactive waste

—Total waste volumes disposed to date this year

- Approximately 73,450 cubic feet industrial waste
- Approximately 159,710 cubic feet radioactive waste

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Transportation Emergency Exercise

- ◆ Successful exercise conducted October 19, 2006
- ◆ Directed by DOE Transportation Emergency Preparedness Program
- ◆ Simulated a traffic accident involving a low-level waste truck shipment and two cars
- ◆ Participants
 - West Valley, Springville and Machias fire companies
 - Cattaraugus County Hazardous Materials Response Team
 - Bertrand-Chaffee Hospital
 - WVDP emergency response personnel

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Facilities to be Demolished in 2006

Facility	Status
Fabrication Shop	Demolished & packaged
Hittman Building	Demolition prep underway
Lag Storage Area 1	Demolished & packaged
North Test Tower	Demolished & packaged
O2 Building	Demolished & packaging in progress
Lag Storage Building	Demolished & packaging in progress
FRS Vent Building	Demolished & packaging in progress
Interim Waste Storage Facility	RCRA cleaning and sampling complete; awaiting results
Cold Chemical Building	Mechanical & electrical isolations in progress

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Facilities Removed in October 2006

O2 Building

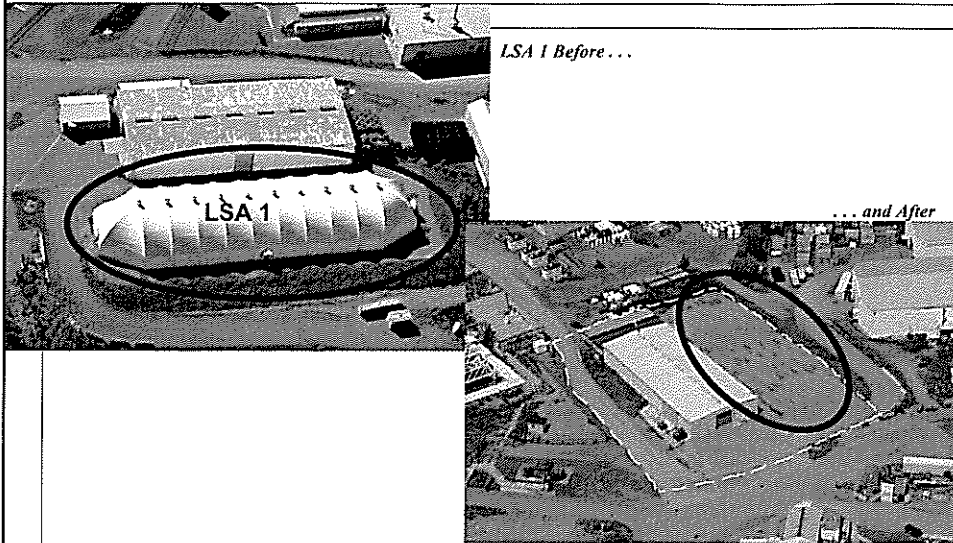


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Facilities Removed in October 2006

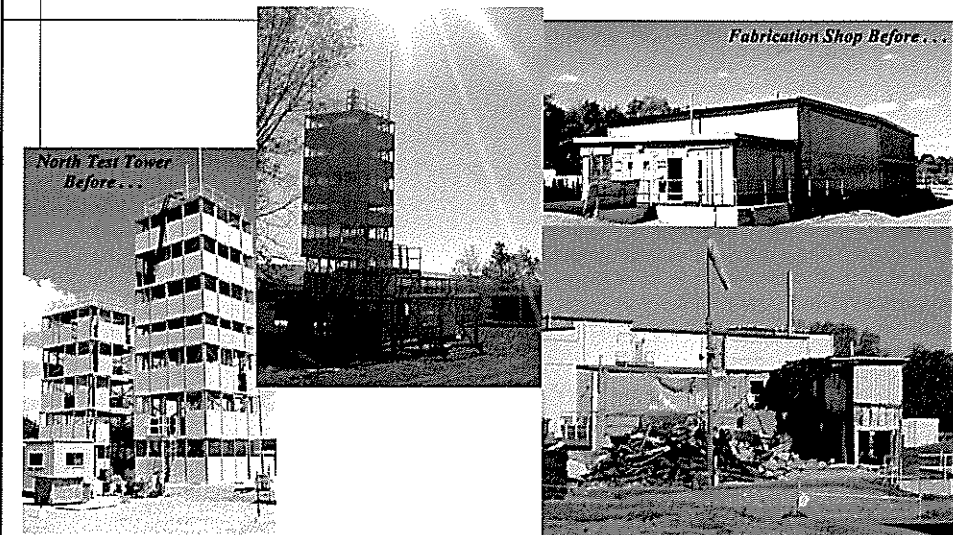


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Facilities Removed in October 2006

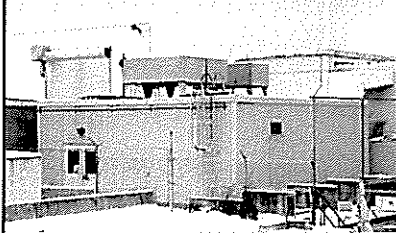


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Facilities Currently Being Removed



FRS Ventilation Bldg



Lag Storage Building Before (above)



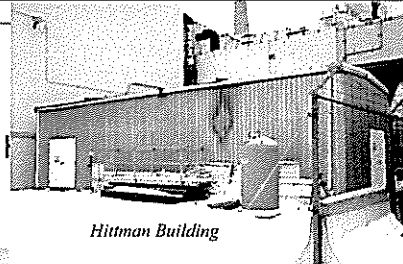
and After (left)

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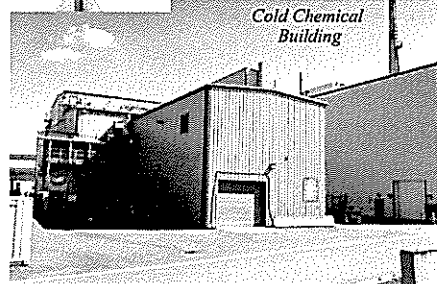
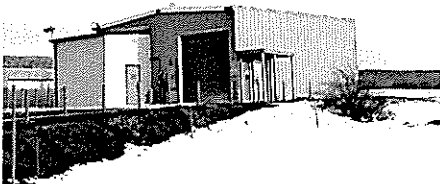


Facilities Planned for Removal CY2006



Hitman Building

Interim Waste Storage Facility



Cold Chemical Building

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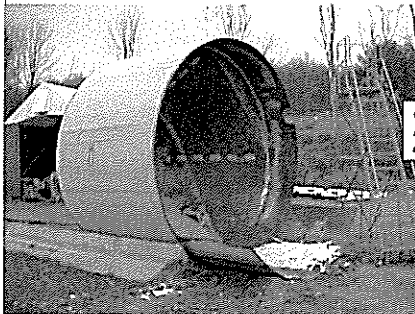
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Recent Accomplishments

◆ Cement Solidification System

- Silo removed and being size-reduced
- Robotic arm removed and packaged
- Approximately 4000 ft³ of highly contaminated waste removed and packaged



CSS Silo –
Being removed (right)
and size-reduced (left)



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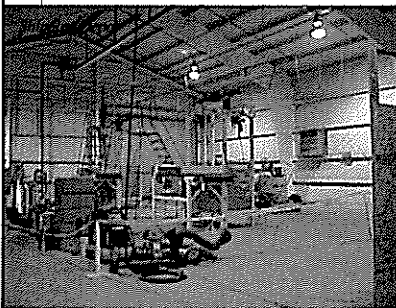
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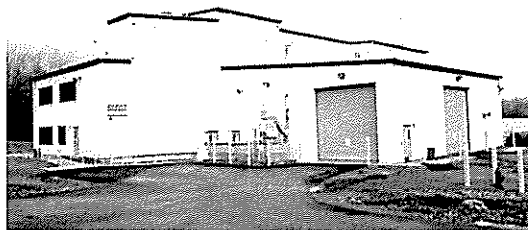
Recent Accomplishments

◆ Remote-Handled Waste Facility

- Repaired and returned a remote arm to the Work Cell, tested cutting equipment and cleaned the cell in preparation for processing ventilation filters



Remote-Handled Waste Facility



◆ Shipping Depot

- Temporary waste-sorting facility removed to provide space for loading trucks indoors

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Ongoing Activities

◆ New Contract

- Request for Proposals (RFP) issued March 2006
- Proposals submitted May 2006

◆ Decommissioning EIS

- Internal draft provided to cooperating agencies for review and comments were submitted in March 2006
- Comments have been reviewed, categorized, and draft responses prepared for the majority of comments
- Core Team process being initiated to consider key issues

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Path Forward

◆ Ongoing Operations

- Dispose of packaged industrial and low-level radioactive wastes
- Remove unneeded facilities

◆ Work through Core Team process to identify and address key issues relating to WVDP completion and site closure and/or long-term management

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