



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
ENVIRONMENTAL  
MANAGEMENT

## CHBWV Project Update

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Citizen Task Force Meeting  
March 23, 2016

OFFICE OF  
ENVIRONMENTAL  
MANAGEMENT

## Safety Performance

As of March 10, CHBWV and subcontractors worked approximately 1,880,486 work hours (1,221 days) without a lost-time work accident or illness.



Grouting Activities in the Main Plant  
Process Building (MPPB)



VIT Facility Demolition  
Preparations (Foam Penetrations)



MPPB Demolition Preparations  
(MPPB Window Seal)

## High-Level Waste 2016 Campaign (Milestone 1)

### Accomplishments

- 20 canisters of vitrified HLW were:
  - Removed from storage rack
  - Placed in Overpacks within 4 Vertical Storage Casks (VSC)
- The 4 VSCs were removed from the Main Plant Process Building and relocated to the storage pad by the end of CY 2015
- NAC International received Nuclear Regulatory Commission (NRC) Certificate of Compliance (CoC) for the Overpack



Canisters Relocated from Storage Rack

### Look Ahead

- Resume relocation activities April 2016
  - One cask/week increasing to two/week by June
  - Two-shift operations
- Baseline completion date – March 2018
- Forecast completion date – March 2017



Canisters Loaded in VSC

Want the complete story check out the 1<sup>st</sup> VSC relocation video: <https://youtu.be/NdQdXlkdQjA>

## Legacy Waste Accomplishments (Milestone 2)



Vitrification components

### Accomplishments

- 85,787 ft<sup>3</sup> of 165,515 ft<sup>3</sup> complete (52%)
- Received NRC Special Package Authorization for Vitrification Melter package shipment

### Look Ahead

- Complete shipment and disposal of Vitrification Melter and two Vitrification component tanks – September 2016 (shipment); October 2016 (disposal)

## Behind the Walls (Milestone 3)



Downdraft Table Loadout in Vit Cell



Main Building Process Plant



Floor Grouting - MPPB

### Accomplishments

- Main Plant Process Building deactivation – 45% complete
- Vitrification Facility deactivation – 89% complete

### Look Ahead

- Vitrification Facility demolition start baseline date – February 2018
- Vitrification Facility demolition start forecast date – February/March 2017

## People on the Move (Milestone 4)

### Accomplishments

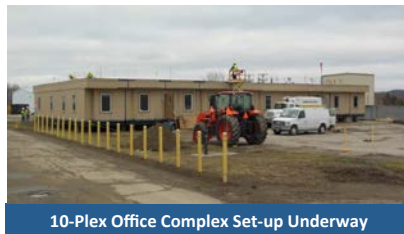
- 14 of 47 site facilities demolished (30%)
- Completed installation of temporary office trailers (4-plex and 10-plex)

### Look Ahead

- Continue site reconfiguration and utility system reroutes (electrical, gas, IT) to position site for future D&D



Administrative Office Building



10-Plex Office Complex Set-up Underway



4-Plex Office Space Set-up Complete

## FY2016 Funding Allocation - \$61M



Surveillance & Maintenance and Site Services  
\$29 million/48%

HLW Canister Relocation  
\$10 million/16%

Waste Disposition  
\$11 million/18%

D&D  
\$11million/18%

## Opportunities with Adequate Funding

\$70-75M annually provides opportunity to:

- Complete Contract Scope in November 2019
- Accelerate mortgage cost reduction
- Reduce risk
- Perform infrastructure upgrades necessary to support Phase 1B and Phase 2 beyond 2020

