



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
ENVIRONMENTAL  
MANAGEMENT

## CHBWV Project Update

**Scott Anderson**

*Deputy General Manager*

**Citizen Task Force Meeting  
June 28, 2017**

OFFICE OF  
ENVIRONMENTAL  
MANAGEMENT

## Safety

### Site-Wide Safety Day June 14

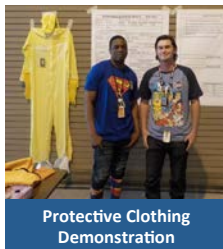


Fall Protection Demonstration



Waste Handling Instructions

Metric	May 2017 12-Month Rolling Average
TRC (12-Month Rolling Average)	1.3
DART (12-Month Rolling Average)	1.0
Last Lost-Time Case Recordable	April 19, 2017
Last Recordable	May 17, 2017

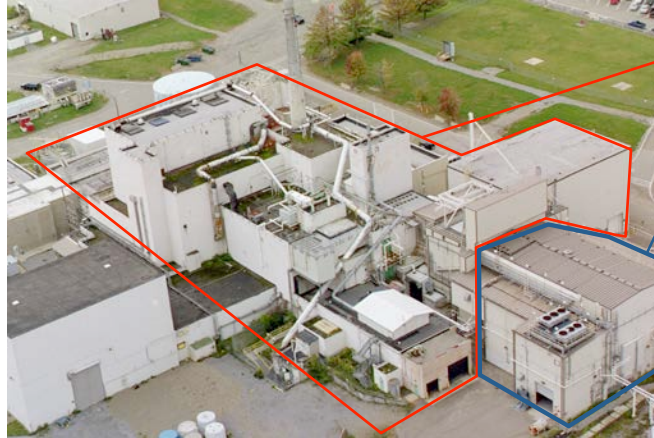


Protective Clothing  
Demonstration



Bomb Squad Demonstration

## Deactivation Progress



General area of MPPB demolition

General area of VF demolition

- Vitrification Facility (VF) Deactivation – 100% Complete
- Main Plant Process Building (MPPB) Deactivation – 71% Complete
- Balance of Site Facilities Demolition – 19 of 47 Facilities Complete

## Vitrification Facility



Demolition Preparations Complete

- Facility is demolition-ready
- Final readiness preparations in progress
- Planned demolition start August 2017



Utility Isolations Complete

## MPPB Deactivation

- Six crews performing deactivation and decontamination in MPPB
  - Limited physical and visual access
  - Deteriorated conditions
  - Radiological contamination
- 71% deactivated



Looking Down into Extraction Cell – 1



Ventilation Exhaust Cell Floor Debris

## Infrastructure Improvements

- Infrastructure Reconfiguration to Support Facility Demolition
  - Water system reconfiguration supports Utility Room demolition
  - New Data Center supports Administration Building demolition
- Planning for additional Utility Projects
  - On-site electrical distribution
  - Natural gas service



New Water Treatment System Building Under Construction



Horizontal Directional Drilling Completed for Water Distribution Lines



Pad Installed for Data Center

## Legacy Waste Disposition Progress

- Completed 57% of legacy waste shipments (93,586 ft<sup>3</sup> of 165,515 ft<sup>3</sup>)
- Anticipate Completion October 2018



Non-HLW Drum Packaging in the Chemical Process Cell



Legacy Waste Shipment to Nevada National Security Site

## CHBWV Proposed Priority List for Additional FY2017 Omnibus Budget

Scope	FY 2017 Funding (\$M)	Benefit
Continuity of Operations	\$3.5	Allows for continued operations in FY 2018 assuming Continuing Resolution
Vitrification Facility Demolition/Waste Disposition	\$1.7	Accelerates Vitrification Facility demolition start by six months ahead of baseline and one month ahead of current status schedule
Waste Shipping	\$0.5	Waste storage facilities are full; need room to operate
Gas/Electric Utility Design	\$0.5	De-risks utility failure, which could result in project delay
Main Plant Below Grade Sampling and Analysis	\$0.5	Provides data for advanced understanding of the Phase 1B Scope of Work to ensure clean-up continuity