CHBWV Project Update

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Citizen Task Force Meeting
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Safety Performance

• As of January 21, 2016, CHBWV and subcontractors worked approximately 1,799,622 work hours (1,172 days) without a lost-time work accident or illness.
Milestone 1: High-Level Waste Accomplishments

First High-Level Waste (HLW) canister loaded into a Vertical Storage Cask (VSC) and relocated to the HLW Interim Storage Pad – November 10, 2015

Milestone 1: High-Level Waste Accomplishments

Three additional Vertical Storage Casks were relocated to the HLW Interim Storage pad in 2015 (November 30-December 22)
- Lessons Learned from 1st relocation immediately incorporated into procedures, equipment, and training
Milestone 1: 2016 Look Ahead

- Planning for remaining Vertical Storage Casks (VSCS)
  - 16 VSC have already been fabricated (and 4 have been loaded)
  - NAC will resume on-site construction of VSCs in April 2016
  - Plan to complete fabrication of remaining 40 VSCs in 2016
- High-Level Waste (HLW) campaign starts April 25, 2016
  - Canister loading into VSCs will resume in April 2016 (one VSC per week)
  - Plan to load and relocate two VSCs to Interim Storage Pad per week starting June 2016
- Employ a two shift/day; four day/week operations schedule
  - First 6 VSCs loaded, welded and relocated on a single shift for training and proficiency
  - Additional craft and support labor hiring ongoing

Milestone 2: Waste Operations Accomplishments

- Asbestos Debris Shipped to Ohio
- Degraded Container Over-packed and Shipped to Nevada National Security Site (NNSS)
First of Its Kind – The Shipment of Vitrification Components

CHBWV received Special Package Authorization from the US Nuclear Regulatory Commission (NRC) to ship the melter, primarily by rail, for disposal to Waste Control Specialist (WCS) in Andrews, Texas in October 2016.

Milestone 2: 2016 Look Ahead

Main Process Plant Building (MPPB) – Deactivation Continues
- Liquid Waste Cell (LWC) – Completed decontamination of 4 additional tanks, bringing the total to 8 out of 9
- LWC – Completed removal of remnant piping behind the shield wall and set up for in-cell entries to remove pipe above two of the Tanks
- Extraction Cell (XC)-3 – Completed embedded pipe penetration stabilization (foam) within the cell and removed tank supports from the cell walls and floor

Milestone 3: Facility Disposition Accomplishments

XC-3 Penetration Stabilization and Tank Supports being Removed
LWC Remnant Pipe Removal behind Shield Wall
Milestone 3: Facility Disposition Accomplishments

MPPB Deactivation
- Off-Gas Cell (OGC) – Completed stabilization of embedded pipe penetration (foam) and grouted sump
- Off-Gas Blower Room (OGBR) – Completed dewatering and grouting of below-grade pump niches and stabilized embedded pipe penetrations
- Acid Recovery Cell (ARC) and Acid Recovery Pump Room (ARPR) – Completed stabilization of embedded pipe penetration
- Uranium Process Cell (UPC) – Reconnected utilities and returned pumps to service for processing wastewater in tanks; collected waste water sample for analysis

Equipment removed from Vitrification Cell and transferred to waste storage
Milestone 3: 2016 Look Ahead

Downdraft Table Loadout in Vit Cell

Complete Vitrification Facility Deactivation in preparation for demolition activities

High-Level Waste Trench Pipe Removal

Milestone 4: Site Operations

- Installed new water line to locker rooms
- Shipped S-09 Stormwater Outfall soils for off-site disposal (11 of 11 intermodal)
- Completed biennial NRC-Licensed Disposal Area (NDA) inspection
- Removed Enkamat from Buttermilk Creek
- Installed erosion markers in spillway

Water Line Installation

Enkamat Removal

NDA Inspection and Repair
Personnel Relocation
• Relocated approximately 35 DOE, NYSERDA and CHBWV personnel from Administrative Office Building
• Human Resource Turn-Around, Nurse’s station, 4-Plex and comfort station delivered and set-up
• Final personnel relocation planned for March 2016

FY2016 Major Scope Activities
Approved FY2016 Budget for performance of Phase I – Decommissioning ($60M)
• Overhead expenses (Salary, Utilities, General Maintenance) ($19M)
• Major Calendar Year 2016 Milestones ($10M)
  - Hire additional bargaining unit and subcontract employees to support completion of Milestone 1 and accelerate Milestone 3 activities
  - Ship the Melter and large vitrification components
  - Complete High-Level Waste Relocation of Vertical Storage Casks to the Interim Storage Pad
  - Complete decommissioning of the Vitrification Facility for demolition to begin in FY2017
• Continue Milestones 1-4 Accomplishments ($31M)