



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

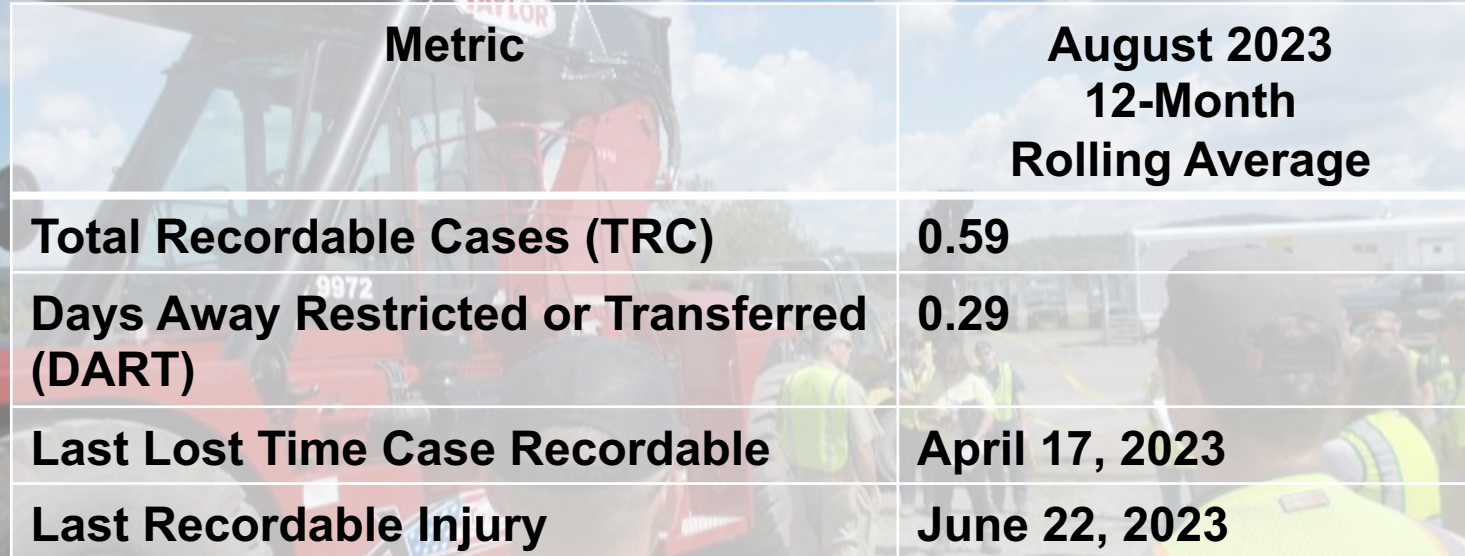
WVDP Project Update

Main Plant Process Building Controlled Deconstruction

Kelly Wooley, CHBWV Deputy General Manager

Citizen Task Force Meeting – September 27, 2023

Safety



Metric	August 2023 12-Month Rolling Average
Total Recordable Cases (TRC)	0.59
Days Away Restricted or Transferred (DART)	0.29
Last Lost Time Case Recordable	April 17, 2023
Last Recordable Injury	June 22, 2023

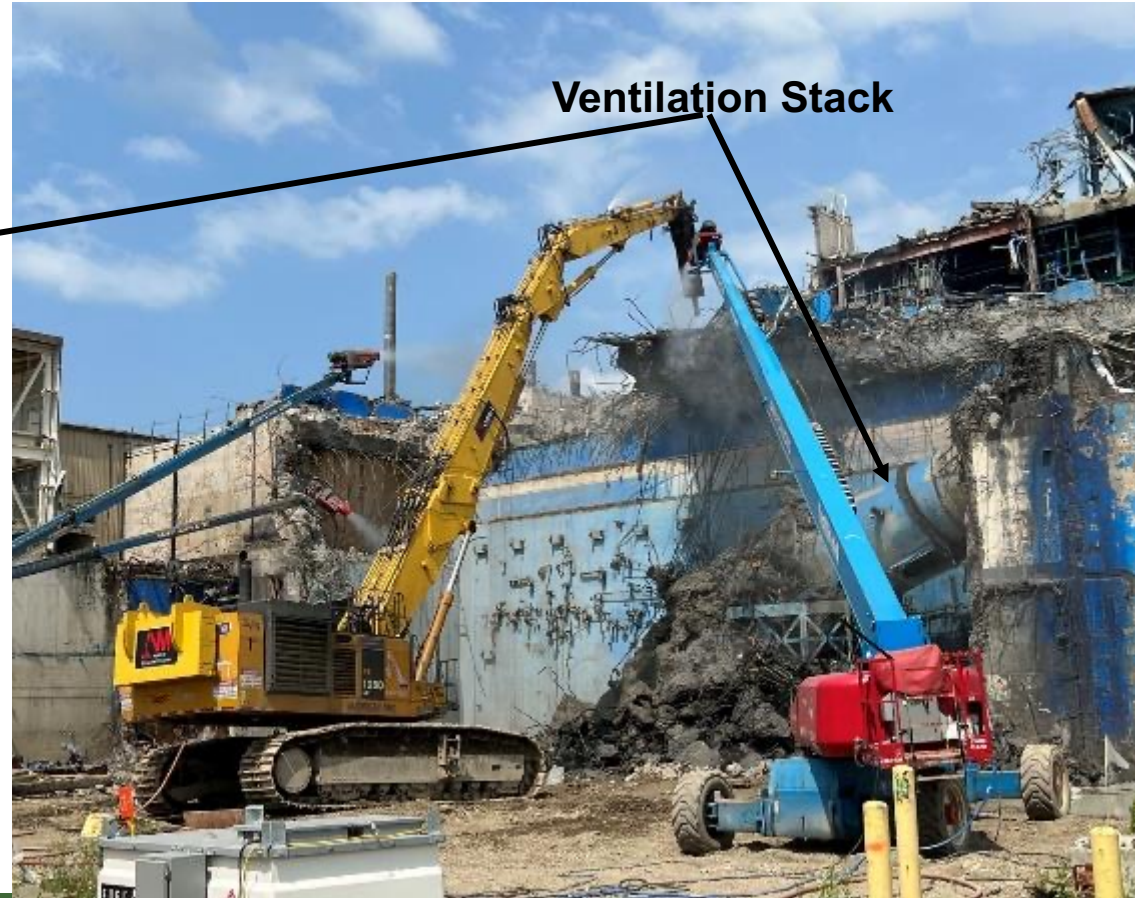
Background Photo: Employees watch a demonstration of the long-reach fork truck at the 2022 Safety Day

Main Plant Deconstruction



Deconstruction of the Chemical Process Cell Penthouse Enclosure

Main Plant Deconstruction (Cont.)



Deconstruction of the Remaining Section of the MPPB Ventilation Stack

Main Plant Deconstruction (Cont.)



Chemical Process Cell Storage Rack Final Removal and Size-Reduction of Ventilation Stack

Main Plant Deconstruction (Cont.)



Chemical Process Cell Upper East Wall Removal

Main Plant Deconstruction (Cont.)



Waste Loadout of Demolition Debris

Main Plant Deconstruction (Cont.)



Main Plant Deconstruction (Cont.)



Main Plant Deconstruction (Cont.)



Deconstruction of the Sample Storage Cell

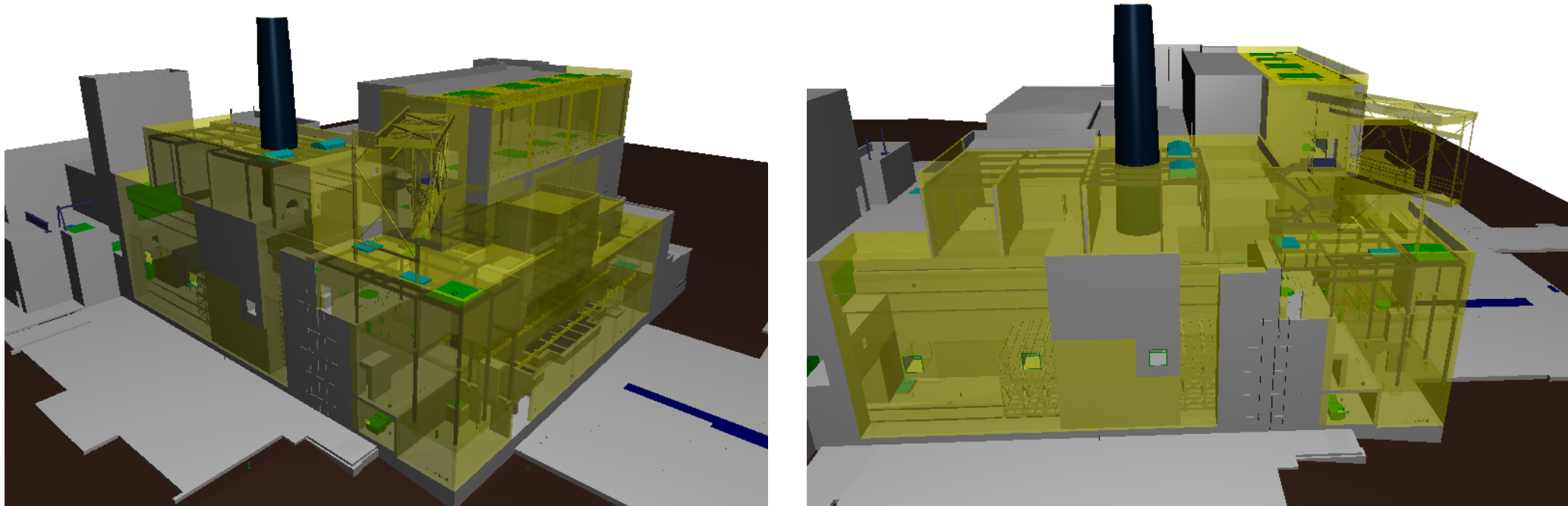
Main Plant Deconstruction (Cont.)



Deconstruction of the Chemical Process Cell

Main Plant Deconstruction (Cont.)

3-D Model



Yellow – Completed Areas

Balance of Site Facilities and Infrastructure

NEW WORK SCOPE:

Tank Sampling (8D-4):

- The tank liquid sample obtained on May 10 was analyzed, and the results were as expected apart from higher alpha and lower Cesium-137
- Analysis of the archived 2012 sludge sample has been received from the lab and further analysis is ongoing
- Testing of tooling to remove equipment was completed with a final mock-up planned closer to performance of the work
- A second prototype core sampler is being fabricated to test
 - A sludge simulant, using zeolite, silicon dioxide, and kaolin will be created to test the second prototype



8D-4 Inspection Camera

Annual Full-Scale, Full-Participation Exercise

Simulated Emergency Exercise Scene



Simulated Emergency Exercise Scene



July 25, 2023

Simulated Emergency Exercise Scene



Emergency Operations Center
(Annual Exercise)

