



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**ENVIRONMENTAL  
MANAGEMENT**

# **WVDP Project Update**

Main Plant Process Building  
Controlled Deconstruction

**Kelly Wooley**

*Deputy General Manager*

**Citizens Task Force Meeting**  
**January 18, 2023**



- # FY 2022 Goals
- ✓ Perform all work safely and compliantly
  - ✓ Complete deactivation activities in the Product Purification Cell, and complete disposition of the waste
  - ✓ Complete remaining MPPB demolition preparations and readiness activities
  - ✓ **Begin demolition of the MPPB** and ship 4 million pounds of debris
  - ✓ Begin rail shipments from WVDP for MPPB demolition
  - ✓ Complete PTW soil containment excavation and disposal
  - ✓ Process and overpack degraded containers
  - ✓ Complete demolition of Load-In Facility






# Safety

**Metric**

**December 2022  
12-Month  
Rolling Average**

**Total Recordable Cases (TRC)  0.30**

**Days Away Restricted or Transferred (DART)  0.61**

2019  2022  
PPC SOUTH  
DEACTIVATION COMPLETE

**Last Lost Time Case Recordable**

**December 7, 2022**

**Last Recordable Injury**

**May 12, 2022**

*Background Photo: The work crew (aka Alpha Busters) who safely completed the deactivation of the Product Purification Cell-South.*



# Main Plant Deconstruction (Cont.)



Deconstruction of Extraction Cell #1



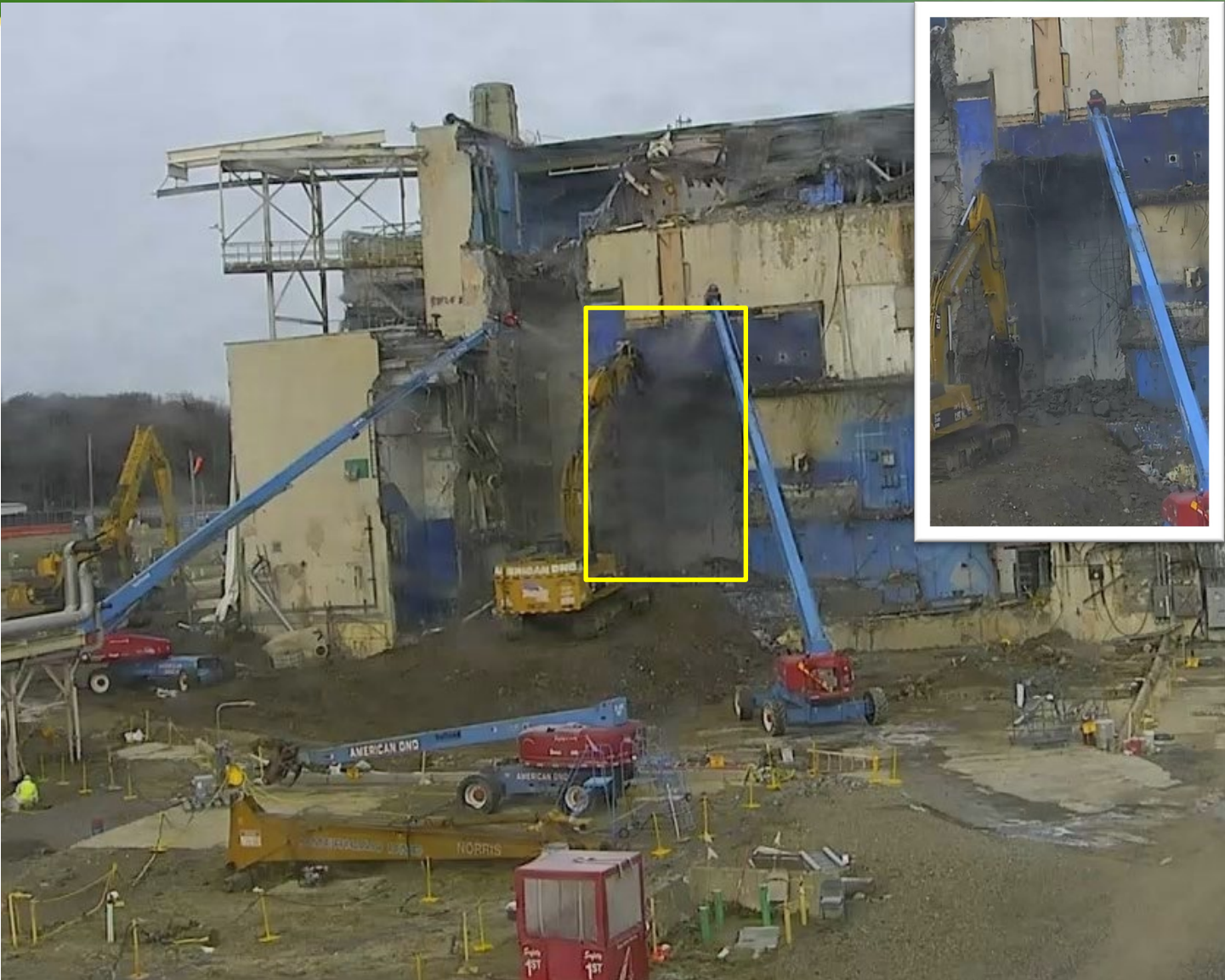
# Main Plant Deconstruction (Cont.)



Deconstruction of Extraction Cell #1



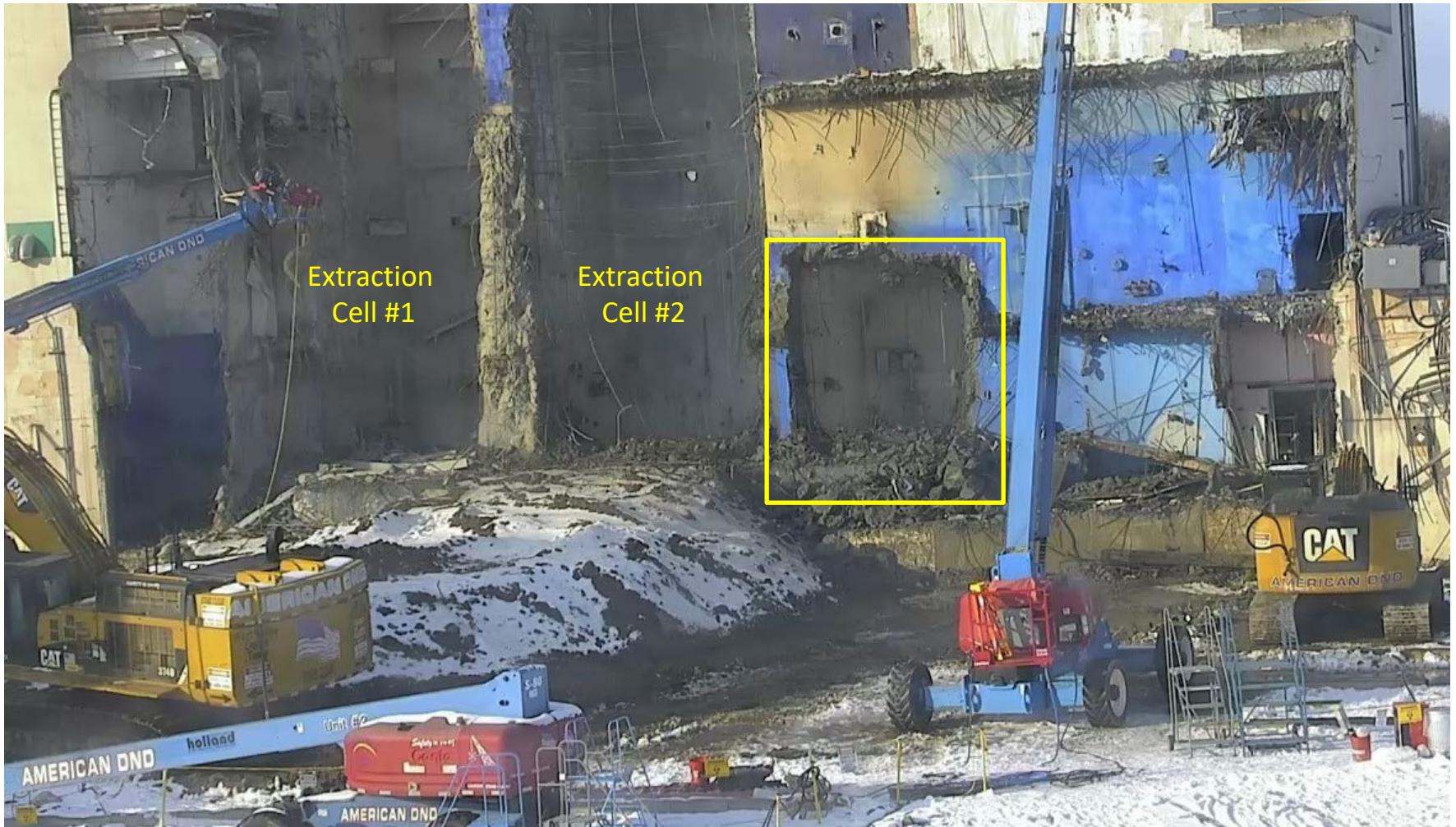
# Main Plant Deconstruction (Cont.)



Deconstruction of Extraction Cell #2



# Main Plant Deconstruction (Cont.)



Extraction  
Cell #1

Extraction  
Cell #2



Deconstruction of Extraction Cell #3

## NEW WORK SCOPE:

- **New Guardhouse Construction** – Exterior work completed; fence line installed; work on inside continues (e.g., lockers, furniture, fire system); and the installation of the Keltron System



Guard House on  
November 28 , 2022



Inside Guard House on January 4, 2023

- **Tank Sampling (8D-4)** – A mock-up is wrapping up to demonstrate the use of a specialized pump to obtain a liquid sample of 8D-4, familiarize new staff with sampling and finalize steps in the work instruction; and a radiation-resistant camera was delivered



# 2022 Community Support

- Community Service Donations:
  - West Valley Fire District #1: **\$80,000**
  - Bertrand Chaffee Hospital: **\$5,000**
  - Mercy Flight: **\$5,000**
- Annual Community Donations: **~\$12,000**
- Annual Food Drive
  - Collected more than **98,000** pounds of food
  - Food delivered to nine food pantries
  - All done by volunteers
- United Way: **\$11,750**





# FY 2023 Goals

- Perform all work safely and compliantly
- Complete the new guardhouse
- Complete processing, packaging and disposal of four (4) Chemical Process Cell (CPC) degraded containers
- Complete disposal of two (2) of eight (8) High Integrity Containers (HIC)
- Continue rail shipments from WVDP for MPPB demolition
- Demo and dispose of 9,000 tons of MPPB waste\*

\*based on assumed building density

