

Plutonium Finishing Plant Update

For the Week Ending January 20, 2019

Summary:

Began the mentoring of 31 new D&D workers at the PFP mock-up areas. This hands-on training will continue for another week. Continued housekeeping and sizing of lower-risk debris load out.

Accomplishments: (Week of Jan. 13)

- Initiated mentoring sessions for new D&D work crews at mock-up areas
- Performed additional housekeeping around main processing facility
- Prepared to ship 30 containers to the Environmental Restoration and Disposal Facility (ERDF)

Safety Issues or Concerns:

- None

Radiological Issues or Concerns:

- None

Contamination Discovered Outside the Radiological Buffer Area (RBA):

- None

Bioassays Requested:

- None

Upcoming Work:

- Continue lower-risk demolition debris sizing and load out on the north side of 234-5Z
- Continue preparations to resume lower-risk demolition of 234-5Z
- Continue on-the-job training and mentoring of 31 new PFP workers

Employee Interface:

Summary:

- PFP management continues holding regular (bi-weekly) roundtables with employees.

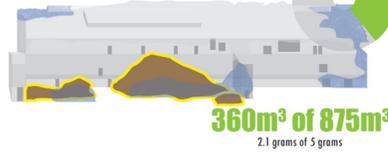


Experienced Hanford Site mentors worked with new D&D workers last week at an area designed to simulate conditions at PFP. The crew practiced operating water cannons, used for dust suppression, as well as how to use two-way radios in full protective equipment. The mentoring activities at the mock-up area will continue this week.

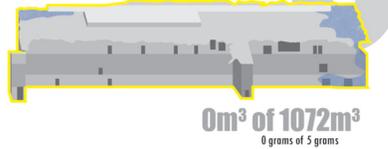
PFM HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

234-SZ Rubble
Represents <1% total remaining MAR



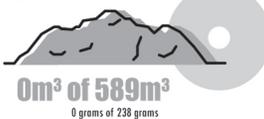
234-SZ Building (Excluding Processing Lines)
Represents <1% total remaining MAR



234-SZ Processing Lines
Represents 2% total remaining MAR



PRF Rubble
Represents 7% total remaining MAR



90% Total MAR shipped
(312 grams total)

12% Total volume shipped
(2,859 m³ total)

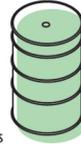
**Overall %
MAR shipped**
(3,059 grams total)

Loaded Low Level Waste

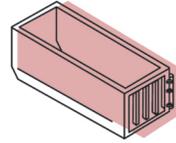


**74 of 103
containers shipped**

LLW Drums



LLW ROROs



LLW Boxes



Loaded Universal/Hazardous Waste

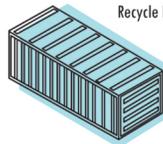


**26 of 42
containers shipped**

Recycle Drums



Recycle Boxes



Hazardous Waste Drums



TRU Waste Dispositioning During Stabilization

TRU TL1800
Represents 24% total remaining MAR



TRU SLB2
Represents 4% total remaining MAR



TRU Super SAC
Represents 60% total remaining MAR



TRU SWB
Represents 2% total remaining MAR



TRU Drum
Represents <1% total remaining MAR



MAR=Material at Risk (Plutonium)

234-SZ=Main Processing Facility

PRF=Plutonium Reclamation Facility

LLW ROROs=Low-Level Waste Roll-On Roll-Off Containers

TRU=Transuranic (Waste)

SLB2=Standard Large Box 2

SWB=Standard Waste Box

Current waste shipped as of January 20, 2019