

Plutonium Finishing Plant Update

For the Week Ending October 14, 2018

Summary: The Plutonium Finishing Plant (PFP) began size-reducing demolition debris on the ground and continued loading waste containers for shipment to the Environmental Restoration Disposal Facility (ERDF).

Accomplishments: (Week of Oct. 8)

- Loaded 11 ERDF cans with debris that has been on the ground since December 2017
- Began down-posting a container transfer area (CTA) to enable shipments of loaded ERDF cans to occur the week of Oct. 15. The CTA is a radiologically controlled hand-off location to allow ERDF crews to pick up waste containers from the PFP.

Safety Issues or Concerns:

- On Thursday, Oct. 11, several employees reported an unusual odor during debris load out activities. One employee reported nose irritation and went to the on-Site medical provider where staff evaluated the employee and returned them to work with no restriction. Upon investigation, PFP management determined the odor came from the type of fixative (Soil Sement) that was in use at the time.

Radiological Issues or Concerns:

- None

Contamination Discovered Outside the Radiological Buffer Area (RBA):

None

Bioassays Requested:

None

Upcoming Work:

- Ensuring infrastructure is in place for winter weather (warming shelters, etc.)
- Processing and shipment of demolition debris will continue, including the 11 cans loaded the week of Oct. 8.
- Ship 10 ERDF cans in which waste loaded in December 2017 pushed the tarps covering the cans, requiring a Special Packaging Authorization (SPA) shipment.
- Workers will continue planning for mock-ups and Management Assessment for higher-risk work.

Employee Interface:

Summary:

- During the week of Oct. 15, PFP management will brief Mission Support Alliance Fire Systems and Refrigeration Equipment Services' employees on the revised PFP demolition approach and enhanced controls.
- Additional briefings are scheduled for the HAMMER training facility.
- PFP management continues holding regular (bi-weekly) roundtables with employees.

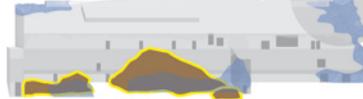


On Oct. 11, heavy equipment began size-reducing demolition debris that had been on the ground since December 2017, in preparation for loading the waste into ERDF containers.

PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

234-SZ Rubble
Represents <1% total remaining MAR



0m³ of 875m³
0 grams of 5 grams

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



0m³ of 1072m³
0 grams of 5 grams

234-SZ Processing Lines
Represents 2% total remaining MAR



0m³ of 323m³
0 grams of 64 grams

PRF Rubble
Represents 7% total remaining MAR



0m³ of 589m³
0 grams of 238 grams

% Total MAR shipped
(312 grams total)

% Total volume shipped
(2,859 m³ total)

90%

Overall %
MAR shipped

(3,059 grams total)

Loaded Low Level Waste

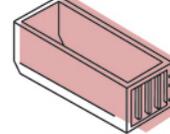


48 of 103
containers shipped

LLW Drums



LLW RORO's



LLW Boxes



Loaded Universal/Hazardous Waste



25 of 42
containers shipped

Recycle Boxes



Recycle Drums



Hazardous Waste Drums



TRU Waste Dispositioning During Stabilization

TRU TL1800
Represents 24% total remaining MAR



18 Shipped
of 18

TRU SLB2
Represents 4% total remaining MAR



12 Shipped
of 12

TRU Super SAC
Represents 60% total remaining MAR



20 Shipped
of 20

TRU SWB
Represents 2% total remaining MAR



4 Shipped
of 4

TRU Drum
Represents <1% total remaining MAR



30 Shipped
of 34