

Plutonium Finishing Plant Update

For the Week Ending December 9, 2018

Summary: The PFP team completed size-reducing waste from the south side of the Main Processing Facility (234-5Z) and will continue size-reducing waste on the north side of the facility. Preparation for higher-risk work is ongoing.

Accomplishments: (Week of Dec. 3)

- Continued size-reducing waste on the northeast and southeast corners of the Main Processing Facility (234-5Z), completing size reduction activities for the waste on the south side of the facility.
- Finished work package (resolved comments generated during the hazard review board) for higher-risk work of demolishing the more contaminated portions of 234-5Z.

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 load out and size reduction of lower-risk demolition debris that is already on the ground on the north side of 234-5Z

Employee Interface:

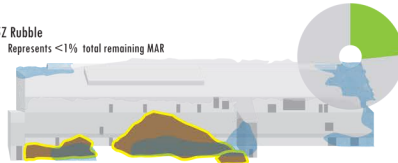
Summary:

- PFP management held an all-employee meeting on Dec. 6 to welcome 39 D&D workers and to provide an update on project status.
- PFP management continues holding regular (bi-weekly) roundtables with employees.

PFP HAZARD REDUCTION PROGRESS

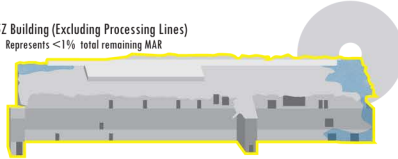
MAR and Waste Reduction During Demo

234-SZ Rubble
Represents <1% total remaining MAR



238m³ of 875m³
1 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)

8%

90%

Overall %

MAR shipped

(3,059 grams total)

MAR=Material at Risk (Plutonium)

234-SZ=Main Processing Facility

PRF=Plutonium Reclamation Facility

LLW RORO's=Low-Level Waste Roll-On Roll-Off Containers

TRU=Transuranic (Waste)

SLB2=Standard Large Box 2

Loaded Low Level Waste

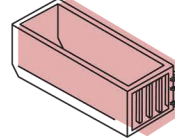
58%

72 of 103
containers shipped

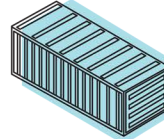
LLW Drums



LLW RORO's



LLW Boxes



Loaded Universal/Hazardous Waste

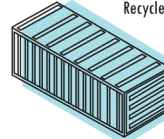
59%

25 of 42
containers shipped

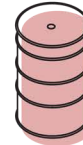
Recycle Drums



Recycle Boxes



Hazardous Waste Drums



TRU Waste Dispositioning During Stabilization

TRU TL1800
Represents 24% total remaining MAR



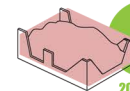
18 Shipped
of 18

TRU SLB2
Represents 4% total remaining MAR



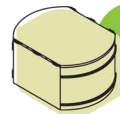
12 Shipped
of 12

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

Current waste shipped as of December 10, 2018