## Plutonium Finishing Plant Update
For the Week Ending Oct. 27, 2019

### Summary:
Continued demolition and debris load out on remaining lower-risk portion of the PFP Main Processing Facility.

### Key Accomplishments: (Week of Oct. 20)
- Continued lower-risk demolition and debris sizing on the PFP Main Processing Facility. (See graphic below)
- Shipped 11 containers to 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:
- Complete demolition on remaining lower-risk portion of the Main Processing Facility
- Continue shipments of debris to ERDF
- Continue preparations for starting the final phase of demolition activities

### Employee Interface:
- PFP management continues holding regular roundtables with employees.
- PFP management is offering briefings for neighboring projects on demolition progress and path forward.

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**PFP Main Processing Facility Lower-Risk Demolition: ~78% Complete**

![Diagram of PFP Main Processing Facility lower-risk demolition progress](image-url)
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

- 234-SZ Rubble
  - Represents <1% total remaining MAR
  - 875m² of 875m²
  - 5 grains of 5 grains

- 234-SZ Building (Excluding Processing Lines)
  - Represents <1% total remaining MAR
  - 831m³ of 1072m³
  - 3.9 grains of 5 grains

- 234-SZ Processing Lines
  - Represents 2% total remaining MAR
  - 0m³ of 323m³
  - 9 grains of 64 grains

- PRF Rubble
  - Represents 71% total remaining MAR
  - 0m³ of 5893m³
  - 0 grains of 230 grains

Overall % MAR shipped
- 90%
- Total volume shipped
- (3,059 grams total)

Loaded Low Level Waste

- LLW RORO's
- LLW Boxes
- 76%
- 78 of 103 containers shipped

TRU Waste Dispositioning During Stabilization

- TRU (LWRO)
  - Represents 21% total remaining MAR
  - 18 Shipped of 18

- TRU SLBZ
  - Represents 4% total remaining MAR
  - 12 Shipped of 12

- TRU Super SAC
  - Represents 4% total remaining MAR
  - 20 Shipped of 20

- TRU SWB
  - Represents 1% total remaining MAR
  - 4 Shipped of 4

- TRU Drum
  - Represents <1% total remaining MAR
  - 30 Shipped of 34

Loaded Universal/Hazardous Waste

- Recycle Drums
- Recycle Boxes
- 98%
- 41 of 42 containers shipped

- Hazardous Waste Drums

Current waste shipped as of October 28, 2019

MAR=Material at Risk (Plutonium)
PRF=Plutonium Reclamation Facility
234-SZ=Main Processing Facility
LLW RORO=Low-Level Waste Roll-On Roll-Off Containers
TRU=Transuranic (Waste)
SWB=Standard Waste Box
SLBZ=Standard Large Box Z