Plutonium Finishing Plant Update  
For the Week Ending Dec. 22, 2019

**Summary:**
Continued progress on final phase of demolition at PFP Main Processing Facility.

**Key Accomplishments: (Week of Dec. 15)**
- Continued debris sizing and load out of Remote Mechanical A (RMC) line
- Repackaged and dispositioned 3 of 4 remaining legacy TRU drums
- Shipped 40 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 sizing and load out of RMA line debris
- Continue preparations for removal and disposal of rubble from Plutonium Reclamation Facility

**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 Final Phase Demolition: 75% Complete**

![Diagram of PFP Main Processing Facility Final Phase Demolition]

- **Demolition Complete**
- **RMA & RMC outline**
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

- 224-52 Rubble
  - Represents <1% total remaining MAR
  - 875m³ of 675m³
  - 5 years of 5 years

- 224-57 Building (Excluding Processing Lines)
  - Represents <1% total remaining MAR
- 224-57 Processing Lines
  - Represents 2% total remaining MAR

Overall % MAR shipped

- 90% Total volume shipped
- 73% Total volume shipped

Overall % MAR shipped (13,985 m³ total)

TRU Waste Dispositioning During Stabilization

- LLW Drums
  - 76%
  - 78 of 103 containers shipped

- LLW RORO’s
- LLW Boxes
- TRU TLX00
  - Represents 1% total remaining MAR
  - 18 shipped of 20

- TRU TLX3
  - Represents 1% total remaining MAR
  - 12 shipped of 12

- TRU Super SAC
  - Represents 4% total remaining MAR
- TRU Super SAC

- TRU TWB
  - Represents 1% total remaining MAR
  - 4 shipped of 4

- TRU Drum
  - Represents <1% total remaining MAR
  - 33 shipped of 34

Current waste shipped as of December 23, 2019

Mar = Material at Risk (Plutonium)
234-52 = Neptunium Processing Facility
LLW RORO = Low Level Waste Roll-On Roll-Off Containers
TRU = Transuranic (Waste)
SWB = Standard Waste Box