Plutonium Finishing Plant Update  
For the Week Ending May 12, 2019

Summary:
Made significant progress on demolition of the PFP vault. Prepared to begin demolition on remaining lower-risk portion of the Main Processing Facility.

Key Accomplishments: (Week of May 5)
- Continued demolition on the 234-5Z vault
- Shipped 22 containers of demolition debris 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:
- Continue lower-risk demolition of the PFP vault
- Prepare for demolition on remaining lower-risk portion of the Main Processing Facility
- Continue to ship debris containers to ERDF
- Continue resolution of corrective actions identified in the final Management Assessment report

Employee Interface:
- PFP management continues holding regular (bi-weekly) roundtables with employees.
- PFP project is holding briefings for neighboring projects and teams on plans to resume lower-risk demolition activities. Feedback has been positive on performance and status.

Demolition of the PFP vault should be nearly complete by the end of this week.
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

- 224-52 Rubble
  - Represents <1% total remaining MAR
  - 875m² of 675m²
  - 5 years of 5 years

- 224-52 Building (Excluding Processing Lines)
  - Represents <1% total remaining MAR
  - 41m³ of 1072m³
  - 8 years of 9 years

- 224-52 Processing Lines
  - Represents 21% total remaining MAR
  - 0m³ of 323m³
  - 8 years of 8 years

Overall % MAR shipped
- 90% Total volume shipped
- (8,059 grams total)

32%

TRU Waste Dispositioning During Stabilization

- LLW RORO’s
  - 76 of 103 containers shipped
  - 74%

- LLW Boxes
- TRU TL100
  - Represents 21% total remaining MAR
  - 18 Shipped of 19

- TRU SL123
  - Represents 41% total remaining MAR
  - 12 Shipped of 12

- TRU Super SAC
  - Represents 8% 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
  - 33 Shipped of 34

Current waste shipped as of May 13, 2019

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MAR = Material at Risk (Plutonium)
224-52 = New Processing Reactor
LLW RORO = Low Level Waste Roll-On Roll-Off Containers
TRU = Transuranic (Waste)
SWB = Standard Waste Box