Plutonium Finishing Plant Update  
For the Week Ending January 20, 2019

Summary:
Began the mentoring of 31 new D&D workers at the PFP mock-up areas. This hands-on training will continue for another week. Continued housekeeping and sizing of lower-risk debris load out.

Accomplishments: (Week of Jan. 13)
- Initiated mentoring sessions for new D&D work crews at mock-up areas
- Performed additional housekeeping around main processing facility
- Prepared to ship 30 containers to the Environmental Restoration and Disposal Facility (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 debris sizing and load out on the north side of 234-5Z
- Continue preparations to resume lower-risk demolition of 234-5Z
- Continue on-the-job training and mentoring of 31 new PFP workers

Employee Interface:
Summary:
- PFP management continues holding regular (bi-weekly) roundtables with employees.

Experienced Hanford Site mentors worked with new D&D workers last week at an area designed to simulate conditions at PFP. The crew practiced operating water cannons, used for dust suppression, as well as how to use two-way radios in full protective equipment. The mentoring activities at the mock-up area will continue this week.
MAR and Waste Reduction During Demo

- 360m³ of 875m³
  - 234-S2 Rubble: <1% total remaining MAR (7.1 grams of 5 years)
  - 234-S2 Building (Excluding Processing Lines): <1% total remaining MAR (0.0 grams of 5 years)

- 0m³ of 1072m³
  - 234-S2 Processing Lines: 2% total remaining MAR (6.4 grams of 4 years)

- 0m³ of 323m³
  - PRF Rubble: 7% total remaining MAR (312 grams of 258 grams)

Overall % MAR shipped (3,059 grams total)

- 90% Total MAR shipped
- 12% Total volume shipped (2,859 m³ total)

Loaded Low Level Waste

- 72%
- 74 of 103 containers shipped

- LLW RORO's
- LLW Drums
- LLW Boxes

Loaded Universal/Hazardous Waste

- 62%
- 26 of 42 containers shipped

- Recycle Drums
- Hazardous Waste Drums
- Recycle Boxes

TRU Waste Disposition During Stabilization

- 18 Shipped of 18
- 12 Shipped of 12
- 20 Shipped of 20
- 4 Shipped of 4
- 30 Shipped of 34

- TRU IL1800: Represents 75% total remaining MAR
- TRU SL187: Represents 6% total remaining MAR
- TRU Super 54L: Represents 80% total remaining MAR
- TRU SWB: Represents 5% total remaining MAR
- TRU Drum: Represents <1% total remaining MAR

Current waste shipped as of January 20, 2019

MAR = Material at Risk (Plutonium)
PRF = Plutonium Reclamation Facility
234-S2 = Main Processing Facility
LLW ROROs = Low-Level Waste Roll-On Roll-Off Containers
TRU = Transuranic (Waste)
SL82 = Standard Large Box 2
SWB = Standard Waste Box