**Plutonium Finishing Plant Update**  
**For the Week Ending November 25, 2018**

**Summary:** During a short week due to the Thanksgiving holiday, crews continued size reducing and loading out demolition debris. Preparation for higher-risk work is ongoing.

**Accomplishments: (Week of Nov. 19)**

- Continued size-reducing waste on the northeast and southeast corners of the Main Processing Facility (234-5Z)
- Loaded six cans for shipping to the Environmental Restoration and Disposal Facility (ERDF)
- Conducted routine maintenance on continuous air monitors in radiological zones

**Safety Issues or Concerns:**

- Evaluations of respiratory protection continue for Teamsters who drive heavy vehicles in areas at PFP that require respiratory protection. On Nov. 15, a Teamster issued a stop work associated with seatbelts interfering with powered air purifying respirators and lapel air samplers. The immediate actions were to change the type of respiratory protection worn with seatbelts to only tight-fitting face pieces in water trucks and shuttle trucks to reduce seatbelt interference as Teamsters operate the vehicles. Workers and management are reviewing other options that will provide respiratory protection and offer comfort and good visibility while operating the vehicles.

**Radiological Issues or Concerns:**

- None

<table>
<thead>
<tr>
<th>Contamination Discovered Outside the Radiological Buffer Area (RBA):</th>
<th>Bioassays Requested:</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Upcoming Work:**

- Continue load out and size reduction of lower-risk demolition debris that is already on the ground on the north side of the Main Processing Facility (234-52Z)
- Ship eleven loaded cans to ERDF

**Employee Interface:**

**Summary:**

- PFP management continues holding regular (bi-weekly) roundtables with employees.
- PFP management will hold an all-employee meeting on Dec. 6, the end of the first week during which more than 40 new D&D workers will have joined the project.
PFP HAZARD REDUCTION PROGRESS

**MAR and Waste Reduction During Demo**
- 234-SZ Rubble
  - Represents <1% total remaining MAR
  - 141 m³ of 875 m³
  - 14% of 5 years

- 234-SZ Building (Excluding Processing Lines)
  - Represents <1% total remaining MAR
  - 0 m³ of 1072 m³
  - 0% of 5 years

- 234-SZ Processing Lines
  - Represents 2% total remaining MAR
  - 0 m³ of 323 m³
  - 0% of 4 years

- PRF Rubble
  - Represents 7% total remaining MAR
  - 0 m³ of 589 m³
  - 0% of 2.5 years

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

**Loaded Low Level Waste**
- LLW Drums
  - 56%

- LLW RORO's
  - 58 of 103 containers shipped

- LLW Boxes
  - 59%

**TRU Waste Disposition During Stabilization**
- TRU F1140
  - 18 Shipped of 19

- TRU SLA
  - 12 Shipped of 12

- TRU Super SAC
  - 29 Shipped of 20

- TRU SWB
  - 4 Shipped of 4

- TRU Drum
  - 30 Shipped of 34

**Loaded Universal/Hazardous Waste**
- Recycle Drums
  - 59%

- Recycle Boxes
  - 25 of 42 containers shipped

- Hazardous Waste Drums
  - 59%

**Key**
- MAR = Material at Risk (Plutonium)
- PRF = Plutonium Reclamation Facility
- 234-SZ = Main Processing Facility
- LLW RORO's = Low-Level Waste Roll-On Roll-Off Containers
- TRU = Transuranic (Waste)
- SWB = Standard Waste Box
- SLB2 = Standard Large Box 2

Current waste shipped as of November 12, 2018