**Plutonium Finishing Plant Update**  
*For the Week Ending January 6, 2019*

**Summary:** The PFP team spent the low-tempo holiday weeks focused on performing housekeeping, routine radiological surveys and preparing for resumption of debris load out.

**Accomplishments: (Weeks of Dec. 24 & Dec. 31)**
- Performed housekeeping on the east side of the demolition area
- Completed radiological surveys following Dec. 29 wind event; no findings
- Safely removed section of roofing that came loose after wind event
- Loaded 10 cans of debris

**Safety Issues or Concerns:**
- None

**Radiological Issues or Concerns:**
- None

**Contamination Discovered Outside the Radiological Buffer Area (RBA):**

<table>
<thead>
<tr>
<th>Contamination Description</th>
<th>Bioassays Requested</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
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**Upcoming Work:**
- After a methodical start to refocus crews, workers will prepare to resume load out of lower-risk demolition debris that is already on the ground on the north side of 234-5Z
- Continue water management activities and housekeeping, Including tumbleweed removal
- Perform routine maintenance on shears

**Employee Interface:**

**Summary:**
- As part of the ongoing commitment to proactive communication, PFP management provided project employees and employees of other Hanford contractors advance notice of visible work about removal of the loose roofing material.
- PFP management continues holding regular (bi-weekly) roundtables with employees.

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On Jan. 2, crews safely removed a section of roofing that had come loose during a Dec. 29 wind event.
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

- 234-52 Rubble: Represents <1% total remaining MAR
  - 300 m³ of 875 m³
  - 2 of 5 drums

- 234-52 Building (Excluding Processing Lines): Represents <1% total remaining MAR
  - 0 m³ of 1072 m³
  - 0 of 5 drums

- 234-52 Processing Lines: Represents 2% total remaining MAR
  - 0 m³ of 323 m³
  - PBF Rubble: Represents 2% total remaining MAR

- 0 m³ of 589 m³
  - 25 of 42 containers shipped

Overall % MAR shipped
(3,059 grams total)

- 90%
- 10%

- 5% Total MAR shipped (312 grams total)
- 5% Total volume shipped (7,859 m³ total)

Loaded Low Level Waste

- LLW RORO’s
- LLW Boxes
- 72 of 103 containers shipped
- 58%

- LLW Drums

Loaded Universal/Hazardous Waste

- Recycle Drums
- Recycle Boxes
- Hazardous Waste Drums
- 20 of 20 containers shipped
- 59%

TRU Waste Disposition During Stabilization

- TRU EE: Represents 39% total remaining MAR
- TRU SL/R: Represents 44% total remaining MAR
- TRU Super SL: Represents 44% total remaining MAR

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

Current waste shipped as of December 17, 2018

MAR=Material at Risk (Plutonium)
234-52=Main Processing Facility
LLW RORO’s=Low-Level Waste Roll-On Roll-Off Containers
TRU=Transuranic (Waste)
SWB=Standard Waste Box
SL/R2=Standard Large Box 2