**Plutonium Finishing Plant Update**  
*For the Week Ending December 9, 2018*

**Summary:** The PFP team completed size-reducing waste from the south side of the Main Processing Facility (234-5Z) and will continue size-reducing waste on the north side of the facility. Preparation for higher-risk work is ongoing.

<table>
<thead>
<tr>
<th>Accomplishments: (Week of Dec. 3)</th>
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<tbody>
<tr>
<td>• Continued size-reducing waste on the northeast and southeast corners of the Main Processing Facility (234-5Z), completing size reduction activities for the waste on the south side of the facility.</td>
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<tr>
<td>• Finished work package (resolved comments generated during the hazard review board) for higher-risk work of demolishing the more contaminated portions of 234-5Z.</td>
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</tbody>
</table>

**Safety Issues or Concerns:**
• None

**Radiological Issues or Concerns:**
• None

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<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>
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**Upcoming Work:**
• Continue load out and size reduction of lower-risk demolition debris that is already on the ground on the north side of 234-5Z

**Employee Interface:**

**Summary:**
• PFP management held an all-employee meeting on Dec. 6 to welcome 39 D&D workers and to provide an update on project status.
• PFP management continues holding regular (bi-weekly) roundtables with employees.
MAR and Waste Reduction During Demo

234-SZ Bubble
- Represents <1% total remaining MAR

234-SZ Building (Excluding Processing Lines)
- Represents <1% total remaining MAR

234-SZ Processing Lines
- Represents 2% total remaining MAR

PBF Bubble
- Represents 7% total remaining MAR

- 238m³ of 875m³
  - 1 grams of 5 grams

- 0m³ of 1072m³
  - 0 grams of 5 grams

- 0m³ of 323m³
  - 0 grams of 44 grams

- 0m³ of 589m³
  - 0 grams of 236 grams

Overall % MAR shipped
- (3,059 grams total) - 90%
- (312 grams total) - 8%
- (2,859 m³ total) - 8%

Loaded Low Level Waste

- 72 of 103 containers shipped

- 50%

Loaded Universal/Hazardous Waste

- 25 of 42 containers shipped

- 59%

TRU Waste Dispositioning During Stabilization

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

Current waste shipped as of December 10, 2018

MAR = Material at Risk (Plutonium)
234-SZ = Main Processing Facility
LLW RORO = Low-Level Waste Roll-On Roll-Off Containers
LLW = Low-Level Waste
TRU = Transuranic (Waste)
SLG2 = Standard Large Box 2
PBF = Plutonium Recollection Facility
SB = Standard Waste Box