Plutonium Finishing Plant Update  
For the Week Ending October 28, 2018

**Summary:** No safety or radiological incidents occurred while crews size reduced demolition debris, modified waste load out areas and prepared for higher-risk work.

**Accomplishments: (Week of Oct. 22)**
- Continued size reducing waste on the northeast corner of the Main Processing Facility (234-5Z) and shipping waste containers to the Environmental Restoration Disposal Facility
- Elevated the waste load out area in preparation to install steel plates to improve stability of the waste cans placed for loading in the waste load out area
- Completed setting up a mock-up for practicing the higher-risk work of loading out the Plutonium Reclamation Facility rubble

**Safety Issues or Concerns:**
- None

**Radiological Issues or Concerns:**
- None

<table>
<thead>
<tr>
<th>Contamination Discovered Outside the Radiological Buffer Area (RBA):</th>
<th>Bioassays Requested:</th>
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<tbody>
<tr>
<td>None</td>
<td>None</td>
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**Upcoming Work:**
- Review of work package and refining safety controls for higher-risk work of PRF rubble removal
- Load out and size reduction of lower-risk demolition debris that is already on the ground

**Employee Interface:**

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

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Oct. 24, 2018 photo of size reduction of demolition debris near the northeast corner of the Main Processing Facility (234-5Z)
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

234-5Z Rubble
- Represents <1% total remaining MAR
- 98m³ of 875m³
- 0 grams of MAR

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

234-5Z Processing Lines
- Represents 2% total remaining MAR
- 0m³ of 323m³
- 0 grams of MAR

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

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

98m³ of 875m³
- 0 grams of MAR

54 of 103 containers shipped

Loaded Low Level Waste

LLW ROO's
- 51%

LLW Boxes

51%

54 of 103 containers shipped

Loaded Universal/Hazardous Waste

Recycle Drums
- 59%

Hazardous Waste Drums

25 of 42 containers shipped

TRU Waste Disposition During Stabilization

TRU RL100
- Represents 25% total remaining AM
- 18 Shipped of 18

TRU SL127
- Represents 4% total remaining AM
- 12 Shipped of 12

TRU Super SAC
- Represents 80% total remaining AM
- 20 Shipped of 20

TRU SMWB
- Represents 7% total remaining AM
- 4 Shipped of 4

TRU Drum
- Represents <1% total remaining AM
- 38 Shipped of 34

Current waste shipped as of October 29, 2018

MAR=Material at Risk (Plutonium)
234-5Z=Main Processing Facility
LLW ROO=Low-Level Waste Roll-On Roll-Off Containers
PRF=Plutonium Reclamation Facility
SL82=Standard Large Box 2
SLWB=Standard Waste Box
TRU=Transuranic (Waste)