**Plutonium Finishing Plant Update**
**For the Week Ending November 11, 2018**

**Summary:** Crews continued size reducing and loading out demolition debris. Preparation for higher-risk work is ongoing.

**Accomplishments: (Week of Nov. 5)**
- Completed installation of steel plates to a newly elevated waste load out area to improve stability of the waste cans placed for loading in the waste load out area
- Continued size-reducing waste on the northeast and southeast corners of the Main Processing Facility (234-5Z)
- Shipped three drums of low-level waste packaged prior to December 2017

**Safety Issues or Concerns:**
- On Nov. 9, a worker received minor injuries to their hand when a water hose hit their hand during blow down activities. Personnel were using an air compressor to blow out the water from the lines at the end of the day’s activities to prevent the lines from freezing. Workers were standing on or near the end of the hose, loosely securing it. When the air valve was opened, the hose moved much more vigorously than expected and experienced previously, striking one worker in the hand with the fitting on the end of the hose and narrowly missing other employees.

**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:**
- 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.
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

234-SZ Rubble
Represents <1% total remaining MAR

141 m³ of 875 m³
1 gram of 5 grams

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

0 m³ of 1072 m³
9 grams of 35 grams

234-SZ Processing Lines
Represents 2% total remaining MAR

0 m³ of 323 m³
6 grams of 64 grams

PRF Rubble
Represents 7% total remaining MAR

0 m³ of 589 m³
0 grams of 258 grams

Overall % MAR shipped
(3,059 grams total)

5% Total MAR shipped
(312 grams total)

4% Total volume shipped
(7,859 m³ total)

Loaded Low Level Waste

56%

LLW ROD's

58 of 103 containers shipped

LLW Boxes

Loaded Universal/Hazardous Waste

59%

Recycle Drums

25 of 42 containers shipped

Recycle Boxes

Hazardous Waste Drums

TRU Waste Disposition During Stabilization

TRU T11860
Represents 2% total remaining MAR

18 Shipped of 18

TRU SL07
Represents 4% total remaining MAR

12 Shipped of 12

TRU Super SAC
Represents 40% total remaining MAR

28 Shipped of 20

TRU SW8
Represents 2% total remaining MAR

4 Shipped of 4

TRU Drum
Represents <1% total remaining MAR

30 Shipped of 34

MAR=Material of Risk (Plutonium)
234-SZ=Main Processing Facility
LLW RODs=Low-Level Waste Roll On Roll Off Containers
PRF=Plutonium Reclamation Facility
TRU=Transuranic (Waste)
SWB=Standard Waste Box
SL2=Standard Large Box 2

Current waste shipped as of November 12, 2018