# Plutonium Finishing Plant Update

**For the Week Ending November 4, 2018**

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

## Accomplishments: (Week of Oct. 29)
- Conducted Hazard Review Board (HRB) of work package for the higher-hazard work of demolishing the two former processing lines inside the Main Processing Facility (234-5Z); planners are now resolving minor comments generated during the HRB
- Continued size-reducing waste on the northeast corner of the Main Processing Facility (234-5Z)
- Preparing to add steel plates to the elevated waste load out area to improve stability of the waste cans placed for loading in the waste load out area
- Shipped one drum of low-level waste packaged prior to December 2017

## Safety Issues or Concerns:
- Due to continued failures of newly purchased lapel air samplers, workers called a stop work on Oct. 31 on the use of the samplers until the batteries were replaced. Working with the manufacturer, the batteries appear to be defective. The batteries were replaced by Nov. 1, lifting the stop work.

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

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This concludes the update for the week ending November 4, 2018.
PFP HAZARD REDUCTION PROGRESS

MAR and Waste Reduction During Demo

234-52 Rubble
Represents <1% total remaining MAR

98m³ of 875m³
0 grams of 5 grams

234-52 Building (Excluding Processing Lines)
Represents <1% total remaining MAR

0m³ of 1072m³
0 grams of 5 grams

234-52 Processing Lines
Represents 2% total remaining MAR

0m³ of 323m³
0 grams of 64 grams

PRF Rubble
Represents 7% total remaining MAR

0m³ of 589m³
0 grams of 23B grams

Overall % MAR shipped
(3,059 grams total)

% Total MAR shipped
(312 grams total)

% Total volume shipped
(2,859 m³ total)

Loaded Low Level Waste

LLW Drums

53%

55 of 103 containers shipped

LLW RORO's

LLW Boxes

Loaded Universal/Hazardous Waste

Recycle Drums

59%

25 of 42 containers shipped

Recycle Boxes

Hazardous Waste Drums

TRU Waste Dispositioning During Stabilization

TRU TL100
Represents 39% total remaining MAR

18 Shipped of 18

TRU SL82
Represents 8% total remaining MAR

12 Shipped of 12

TRU Super SAC
Represents 48% total remaining MAR

20 Shipped of 20

TRU Drum
Represents <1% total remaining MAR

30 Shipped of 34

Current waste shipped as of November 4, 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
PRF=Plutonium Reclamation Facility
SL82=Standard Large Box 2