Plutonium Finishing Plant Update
For the Week Ending November 18, 2018

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

**Accomplishments: (Week of Nov. 12)**
- Continued size-reducing waste on the northeast and southeast corners of the Main Processing Facility (234-5Z)
- Began the on-boarding process for 43 new D&D workers, 25 of which are confirmed.
- Finalizing comment resolution from the hazard review board (HRB) on the work package for the demolition of the higher-risk portions of the Main Processing Facility
- Implemented additional controls to require the open end of the hose to be restrained/secured by approved mechanical means to keep the hose from moving, prevent future and sudden hose movements during blow down activities for winterization. ([See Nov. 11 report](#))

**Safety Issues or Concerns:**
- On Nov. 9, a PFP worker issued a stop work (except for minimum safe activities) on the use of lapel air samplers due to repeated issues with the samplers’ batteries. Working with the manufacturer, PFP management was able to replace the base plates on the samplers (where the batteries attach), which appears to be the cause mode for failure. The stop work was lifted with this action but evaluation of alternatives continues.
- On Nov. 15, a teamster issued a stop work associated with seatbelts interfering with respirators (called Powered-Air Purifying Respirators, or PAPRs) and lapel samplers worn by operators in heavy vehicles, causing concern for the teamster’s ability to safely operate the vehicles. The immediate actions were to change the type of respiratory protection worn with seatbelts to only tight fitting face pieces in water trucks and shuttle trucks to allow for reduction of interferences as teamsters operate those vehicles. Other options are being evaluated.

**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% of total remaining MAR
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  - 141 m³ of 875 m³
  - 1 year of 5 years

- **234-SZ Building (Excluding Processing Lines)**
  - Represents 2% total remaining MAR
  - 0 m³ of 1072 m³
  - 0 year of 5 years

- **234-SZ Processing Lines**
  - Represents 7% total remaining MAR
  - 0 m³ of 323 m³
  - 0 year of 4 years

- **PRF Rubble**
  - Represents 7% total remaining MAR
  - 0 m³ of 589 m³
  - 0 year of 258 grams

**Loaded Low Level Waste**
- **LLW Drums**
  - 58%

- **LLW RODs**
  - 60 of 103 containers shipped

- **LLW Boxes**
  - 59%

**TRU Waste Disposition During Stabilization**
- **TRU F11HD**
  - Represents 23% of total remaining MAR
  - 10 Shipped of 10

- **TRU SRB**
  - Represents 0% of total remaining MAR
  - 12 Shipped of 12

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

- **TRU SW8**
  - Represents 9% of total remaining MAR
  - 4 Shipped of 4

- **TRU Drum**
  - Represents <1% of total remaining MAR
  - 30 Shipped of 34

**Loaded Universal/Hazardous Waste**
- **Recycle Drums**
  - 25 of 42 containers shipped

- **Recycle Boxes**

- **Hazardous Waste Drums**

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

Current waste shipped as of November 19, 2018

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