

## Plutonium Finishing Plant Update

For the Week Ending November 25, 2018

**Summary:** During a short week due to the Thanksgiving holiday, crews continued size reducing and loading out demolition debris. Preparation for higher-risk work is ongoing.

### Accomplishments: (Week of Nov. 19)

- Continued size-reducing waste on the northeast and southeast corners of the Main Processing Facility (234-5Z)
- Loaded six cans for shipping to the Environmental Restoration and Disposal Facility (ERDF)
- Conducted routine maintenance on continuous air monitors in radiological zones

### Safety Issues or Concerns:

- Evaluations of respiratory protection continue for Teamsters who drive heavy vehicles in areas at PFP that require respiratory protection. On Nov. 15, a Teamster issued a stop work associated with seatbelts interfering with powered air purifying respirators and lapel air samplers. 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 reduce seatbelt interference as Teamsters operate the vehicles. Workers and management are reviewing other options that will provide respiratory protection and offer comfort and good visibility while operating the vehicles.

### Radiological Issues or Concerns:

- None

### Contamination Discovered Outside the Radiological Buffer Area (RBA):

None

### Bioassays Requested:

None

### Upcoming Work:

- Continue load out and size reduction of lower-risk demolition debris that is already on the ground on the north side of the Main Processing Facility (234-5Z)
- Ship eleven loaded cans to ERDF

### Employee Interface:

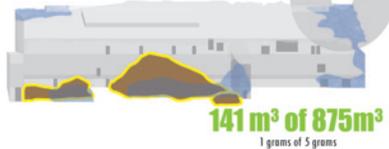
#### Summary:

- PFP management continues holding regular (bi-weekly) roundtables with employees.
- PFP management will hold an all-employee meeting on Dec. 6, the end of the first week during which more than 40 new D&D workers will have joined the project.

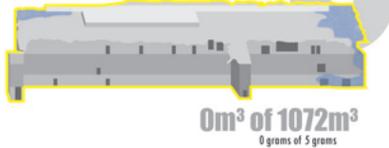
# PPF HAZARD REDUCTION PROGRESS

## MAR and Waste Reduction During Demo

234-SZ Rubble  
Represents <1% total remaining MAR



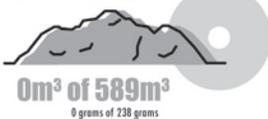
234-SZ Building (Excluding Processing Lines)  
Represents <1% total remaining MAR



234-SZ Processing Lines  
Represents 2% total remaining MAR



PRF Rubble  
Represents 7% total remaining MAR



**90%**  
% Total MAR shipped (312 grams total)

**5%**  
% Total volume shipped (2,859 m<sup>3</sup> total)

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

## Loaded Low Level Waste

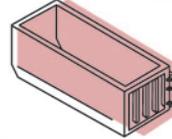


**58 of 103 containers shipped**

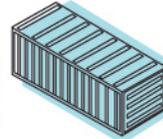
LLW Drums



LLW RORO's



LLW Boxes



## Loaded Universal/Hazardous Waste

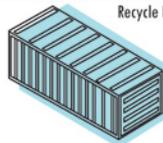


**25 of 42 containers shipped**

Recycle Drums



Recycle Boxes



Hazardous Waste Drums



## TRU Waste Dispositioning During Stabilization

TRU TL1800  
Represents 24% total remaining MAR



TRU SLB2  
Represents 4% total remaining MAR



TRU Super SAC  
Represents 60% total remaining MAR



TRU SWB  
Represents 2% total remaining MAR



TRU Drum  
Represents <1% total remaining MAR



MAR=Material at Risk (Plutonium)

234-SZ=Main Processing Facility

PRF=Plutonium Reclamation Facility

LLW RORO's=Low-Level Waste Roll-On Roll-Off Containers

TRU=Transuranic (Waste)

SLB2=Standard Large Box 2

SWB=Standard Waste Box