

PFP Recovery Update – December 26, 2017

Updated 12:34 p.m. PST

Updates from December 22, 2017 highlighted

Plant Status

System/Area	Status
PRF Rubble Pile	<ul style="list-style-type: none">Remains covered with 3-5 feet of soil and layer of fixative
PFP Property Area	<ul style="list-style-type: none">Surveys continue to show no evidence of additional contamination.The PFP area received 3-5 inches of snow on Dec. 24 presenting a challenge for radiological surveying.The focus on Dec. 26 is snow removal. Applying fixative over snow would create slippery and unsafe conditions.Much of the PFP workforce remains off for the holiday.

Radiological Surveys, Sampling and Analysis

On-Site and Environmental: Due to the snow, crews will exchange air samples and complete contamination surveys outside of the Airborne Radioactivity Area (ARA) and High Contamination Area (HCA). It is unsafe, from a slip and fall perspective, for crews wearing anti-contamination clothing to enter the HCA in the snow. The crew will read the CAMs from the monitoring trailer.

- Cookie Sheets (59 total):
 - On Dec. 23, crews discovered one cookie sheet (number 63 inside the demolition boundary HCA/ARA) had contamination on it, but it decayed away, indicating the presence of radon.
 - No contamination detected (on the 35 cookie sheets outside of HCA/ARA and are safe to access in the snow) as of 12:30 p.m. PST Dec. 26
- **Bioassay:** Additional bioassay requests are expected; however, many employees are off work due to the holidays.
 - 257 total requests as of 11:46 a.m. PST Dec. 22
 - MSA: 102; WRPS: 86; CHPRC: 69
- **External:** Awaiting Washington State Department of Health (DOH) air samples taken Dec. 19 and Dec. 20 as well as data from DOH cookie sheets.
- **Vehicle Radiological Surveys:** Crews surveyed additional PFP-controlled government vehicles over the Dec. 23 weekend. These vehicles have remained controlled since the Dec. 15 contamination spread.
 - A total of 9 PFP-controlled government vehicles have been found to be contaminated, including 7 found contaminated immediately after the Dec. 15 contamination spread:
 - One vehicle was decontaminated and released Dec. 23; all others remain controlled.
 - Surveys of remaining vehicles is ongoing.
 - Of the seven original personal vehicles found contaminated, one car remains segregated at the PFP and decontamination efforts continue Dec. 26. All others have been released.
 - No further personal vehicles have been requested for survey or surveyed as of 12:30 p.m. Dec. 26.
- **Home Surveys:** There have been no new requests for home surveys. All requested (seven total) home surveys completed (Dec. 20) with no contamination found.

Future Actions

- Winter weather conditions continue to be a challenge. Snow and ice present a slip and fall hazard for employees wearing anti-contamination clothing, which limits traction and visibility.
- Daily contamination surveys will be conducted.
- Continuous air monitors will be viewed from the monitoring trailer.
- Additional layers of fixative will be applied as weather allows.
- On Dec. 27, weather permitting, crews will begin applying a clean soil cover to contaminated areas of the administrative trailer area as part of stabilization efforts. This work is expected to last the rest of the week.