

PFP Recovery Update – December 31, 2017

Updated 9:29 a.m. PST

Updates since December 28, 2017 highlighted

Note: The Hanford Site was closed Dec. 28 and 29 due to adverse weather conditions. Crews worked on Dec. 30 and are off on Dec. 31 and Jan. 1. Work is scheduled to resume on Jan. 2.

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.Much of the PFP workforce remains off for the holiday.

Radiological Surveys, Sampling and Analysis

On-Site and Environmental: Snow and freezing rain continue to present a challenge to crews performing radiological surveys.

- Cookie Sheets (59 total): No contamination detected (on the 35 cookie sheets outside of HCA/ARA and are safe to access in the snow) as of 4:00 p.m. PST Dec. 30
- Low-level contamination was found on a table located in the west side demolition zone Radiological Buffer Area as of 4:00 p.m. PST Dec. 30. The contamination was isolated to a small area (~1 sq. ft.) and was immediately controlled. Surveys of the adjacent area and personnel identified no spread of contamination.
- Air Samplers (24 total): Air samples exchanged with no indication of activity, other than radon, 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. Bioassays will determine dose, if any, received by employees and will be reported in millirem (mrem) over the next few months.
 - 259 total requests as of 4:15 p.m. PST Dec. 30
 - MSA: 103; WRPS: 87; 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.
- **Government 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. Due to snow and freezing rain continuing to present a challenge and safety concerns, government vehicle radiological surveys are planned to resume on Jan. 2.
 - As of 5:00 p.m. Dec. 27:
 - 46 total PFP-controlled government vehicles that have been surveyed
 - 1 decontaminated and returned to service
 - 13 contaminated and awaiting disposition (decontamination or radon decay)
 - 32 no contamination found
 - 45 total PFP-controlled government vehicles at PFP remaining to be surveyed
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- **Personal Vehicle Radiological Surveys:**

- Seven personal vehicles identified with contamination at COB Dec. 19 and all seven personal vehicles were decontaminated and returned to owners as of 3:30 p.m. PST on Tuesday, Dec. 26.
- At the request of a PFP employee, a radiological survey was conducted on one personal vehicle on Dec. 30, no contamination found, vehicle returned to owner.

- **Home Surveys:** There have been no new requests for home surveys.

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.
- Crews will take Dec. 31 and Jan. 1 off and return to work on Jan. 2.

Workforce Management

- Much of the workforce is not working this week due to the holiday.
- The workforce remains committed to the current mission of hazard recognition and control, despite the challenging situation

Communications

- Continue to drive any media interest to daily update posted on the Hanford Site's external webpage.