

PFP Recovery Update – January 8, 2018

Updated 1:10 p.m. PST

Updates since January 4, 2018 highlighted

Crews continued to work on conducting radiological vehicle surveys, radiological routine surveillances, applying fixative and other safety-related activities.

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.On Jan. 7, the PFP access control area was expanded out of an abundance of caution to limit employee access and personal vehicles in the area of the PFP. The PFP shift office now must grant any access.<ul style="list-style-type: none">Attachment 1 is the map showing the original and expanded boundaries.Attachment 2 is the Jan. 7 communication sent to all Hanford employees regarding the expanded access control.

Radiological Surveys, Sampling and Analysis

On-Site and Environmental:

Cookie Sheets (60 total)

- On day shift Jan. 6, all cookie sheets were surveyed and no contamination was found as of 5:00 p.m. PST on Jan. 6.
- Continuous Air Monitor Readings (14 total): CAMs reading <1 DAC-hr as of 11:00 a.m. PST Jan. 8.
- Air Samplers (24 total): Air samples exchanged with no indication of activity, other than radon, as of 5:00 p.m. PST Jan. 5.
- Bioassay:** There have been no new requests for bioassays since Jan 3. Bioassays will determine dose, if any, received by employees and will be reported in millirem (mrem) to affected individuals over the next few weeks.
 - 267 total requests as of 11:15 a.m. PST Jan. 4
 - MSA: 105; WRPS: 91; CHPRC: 71
- 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 continue to survey PFP-controlled government vehicles. These vehicles have remained controlled since the Dec. 15 contamination spread. As of 5:00 p.m. PST Jan. 6:

	Previously reported	Since Jan. 4	Total
Total PFP-controlled government vehicles	91		91
PFP-Controlled government vehicles surveyed	68	10	78
Decontaminated and returned to service	1	0	1
Contaminated and awaiting disposition (decontamination or radon decay)	14	0	14
No contamination found and returned to service	53	10	63
PFP-controlled government vehicles at PFP remaining to be surveyed	23	(10)	13
Large industrial vehicles	10	(9)	1
Passenger vehicles	13	(1)	12

- **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.
- **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

- Daily contamination surveys will be conducted.
- Continue to monitor air samplers.
- Additional layers of fixative will be applied as weather allows.

Workforce Management

- CHPRC named Connie Simiele Recovery Manager for the PFP project to help assure an understanding of the recent contamination events, organize additional technical and safety expertise on the project and develop a robust and comprehensive recovery strategy.
- The workforce remains committed to the current mission of hazard recognition and control, despite the challenging situation

Communications

- On Jan. 5, DOE-RL sent a letter to CHPRC reiterating the sole focus at the PFP should be ensuring the health and safety of the workforce and site stabilization. No demolition work is to be done without RL concurrence. (Attachment 3)