

PFP Recovery Update – January 22, 2018

Updated 1:15 p.m. PST

Updates since January 18, 2018 highlighted

Activities at the PFP include performing precautionary radiological surveys following windy conditions on Jan. 21.

Plant Status

System/Area	Status
PFP Workforce	<ul style="list-style-type: none">No safety events since last report.On Jan. 22, Mission Support Alliance (MSA) lifted its stop work (issued Dec. 18) on providing support to PFP as a result of PFP implementing standard operating instructions for communicating abnormal events and implementing controls for sustained winds.
PRF Area	<ul style="list-style-type: none">On Jan. 20, crews applied soil cement around the PRF demolition area and began placing a soil cover on the PRF stub walls. The walls have been repeatedly covered with fixative since Dec. 15; a soil cover will provide more stable, longer-term protection. Crews will continue that soil placement this week. No contamination was detected during this work. (Attachments 1 and 2 are photos of soil cement application)
PFP Property Area	<ul style="list-style-type: none">On Jan. 22, crews conducted precautionary radiological surveys throughout the expanded PFP work control zone. <i>There is nothing to indicate a spread of contamination.</i> Procedures revised since the December 2017 contamination spread require precautionary surveys after 20 mph sustained wind; the project experienced winds greater than that on Sunday, Jan. 21. Access to the expanded PFP work control zone was prohibited during these precautionary surveys. The project distributed an all employee communication (Attachment 3) for further information.

Radiological Surveys, Sampling and Analysis

On-Site and Environmental:

- Cookie Sheets (64 total): No contamination found during swing shift surveys of 64 cookie sheets Jan. 20 and 45 surveyed Jan. 22 on day shift.
- Continuous Air Monitor Readings (14 total): CAMs reading <1 DAC-hr as of 12:30 p.m. PST Jan. 22.
- Air Samplers (22 total): Air samples exchanged with no indication of activity, other than radon, as of 11:00 p.m. PST Jan. 20.
- Bioassay:** Received no new requests for a bioassay since Jan. 10. Bioassays will determine dose, if any, received by employees and will be reported in millirem (mrem) to affected individuals over the next few weeks.
 - 271 total requests
 - MSA: 110; WRPS: 92; 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:**

- No changes to the status of PFP-controlled government vehicles as of 12:00 p.m. PST Jan. 22:
- Numbers below do not reflect a status survey on the 12 government vehicles conducted on Jan. 15 (7 vehicles; no contamination found) and Jan. 16 (5 vehicles; contamination found on all). Those vehicles remain in a posted contamination area.

	Previously reported	Since Jan. 18	Total
Total PFP-controlled government vehicles	97		97
PFP-Controlled government vehicles surveyed	84	0	84
Decontaminated and returned to service	2	0	2
Contaminated and awaiting disposition (decontamination or radon decay)	14	0	14
No contamination found and returned to service	68	0	68
PFP-controlled government vehicles at PFP remaining to be surveyed	13	(0)	13
Large industrial vehicles	2	(0)	2
Passenger vehicles	11	(0)	11

- **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.
- Application of fixative and soil will occur as weather allows
- On Jan. 22, a team of corporate representatives from Jacobs began reviewing CHPRC's draft of the causal analysis report and will provide recommendations.

Workforce Management

- The workforce remains committed to the current mission of hazard recognition and control, despite the challenging situation.

Communications

- On Jan. 22, CHPRC Communications began offering a PFP status briefing to employee groups within CHPRC and across the Hanford Site.