

PFP Recovery Update – January 10, 2018

Updated 1:15 p.m. PST

Updates since January 9, 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"><li>Remains covered with 3-5 feet of soil and layer of fixative.</li></ul>
PFP Property Area	<ul style="list-style-type: none"><li>Surveys continue to show no evidence of additional contamination.</li><li>On Jan. 9, crews added dirt around where contamination was found near MO-273 and applied fixative to the roofs of 2754W (maintenance office) and the adjacent building 2220W.</li></ul>

**Radiological Surveys, Sampling and Analysis**

**On-Site and Environmental:**

- Cookie Sheets (60 total): No contamination found during day shift surveys of 46 cookie sheets Jan. 9 and during Jan. 8 swing shift surveys of all 60 cookie sheets.
- Continuous Air Monitor Readings (14 total): CAMs reading <1 DAC-hr as of 12:00 p.m. PST Jan. 10.
- Air Samplers (24 total): Air samples exchanged with no indication of activity, other than radon, as of 12:00 p.m. PST Jan. 10.
- **Bioassay:** Received one new request for a bioassay on Jan. 9. Bioassays will determine dose, if any, received by employees and will be reported in millirem (mrem) to affected individuals over the next few weeks.
  - 269 total requests as of 10:00 a.m. PST Jan. 10
    - MSA: 107; 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:** CHPRC lifted its stop work on CHPRC-controlled government vehicles confirmed to have travelled near the PFP between Dec. 15 and Dec. 18. Surveys of applicable vehicles have been complete. Surveys continue of vehicles that remain at PFP inside posted contamination areas and high contamination areas.

- As of 12:45 p.m. PST Jan. 10:

	Previously reported	Since Jan. 9	Total
Total PFP-controlled government vehicles	97		97
<b>PFP-Controlled government vehicles surveyed</b>	82	1	83
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	66*	1	67
<b>PFP-controlled government vehicles at PFP remaining to be surveyed</b>	15	(1)	14
Large industrial vehicles	3	(1)	2
Passenger vehicles	12	0	12

*The Dec. 9 update included unsurveyed PFP-controlled vehicle in the total count of vehicles surveyed.*

- **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.

### **Workforce Management**

- On Dec. 10, a CHPRC Soil and Groundwater Remediation Project (S&SGRP) employee issued a stop work on any S&GRP contractor or private vehicle access to the expanded PFP work control zone until contingency plans for future upset conditions, including high winds, are known and understood.
- The workforce remains committed to the current mission of hazard recognition and control, despite the challenging situation