

PFP Recovery Update – January 16, 2018

Updated 1:30 p.m. PST

Updates since January 12, 2018 highlighted

Activities at the PFP include routine radiological surveillances, application of fixative, sand and soil to previously contaminated areas and heavy equipment maintenance.

**Plant Status**

System/Area	Status
PFP Workforce	<ul style="list-style-type: none"><li>No safety events since last report</li></ul>
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>Radiological surveys on Jan. 15 found fixed contamination on a step of a mobile office trailer (MO-31), inside PFP's trailer village, not inside a posted contamination area. The step was removed and is being controlled as radioactive material.</li><li>Radiological surveys continue finding instances of naturally-occurring radon, including on a janitor's hand on Jan. 13, following cleaning activities inside a trailer in the PFP work control zone.</li></ul>

**Radiological Surveys, Sampling and Analysis**

**On-Site and Environmental:**

- Cookie Sheets (60 total): No contamination found during swing shift surveys of 60 cookie sheets Jan. 15 and 46 surveyed Jan. 16 on day shift.
- Continuous Air Monitor Readings (14 total): CAMs reading <1 DAC-hr as of 12:30 p.m. PST Jan. 16.
- Air Samplers (22 total): Air samples exchanged with no indication of activity, other than radon, as of 11:00 p.m. PST Jan. 15.
- Bioassay:** Received no new requests for a bioassay on Jan. 15. 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 as of 12:00 p.m. PST Jan. 15
    - 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:**

- Crews performed a “status survey” of 7 government vehicles on Jan. 15 with no contamination discovered. This was not a clearance survey and is not reflected in the table below; additional surveys will be conducted before they are considered free of contamination and released.
- On Jan. 16, crews decontaminated one vehicle and returned it to service.
- As of 12:45 p.m. PST Jan. 16:

	Previously reported	Since Jan. 12	Total
<b>Total PFP-controlled government vehicles</b>	97		97
<b>PFP-Controlled government vehicles surveyed</b>	84	0	84
Decontaminated and returned to service	1	1	2
Contaminated and awaiting disposition (decontamination or radon decay)	15	1	14
No contamination found and returned to service	68	1	68
<b>PFP-controlled government vehicles at PFP remaining to be surveyed</b>	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.
- Maintenance is taking place on some of the heavy equipment.

**Workforce Management**

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