

## PFP Recovery Update – January 18, 2018

**Updated 1:30 p.m. PST**

**Updates since January 17, 2018 highlighted**

**The next daily update will be provided Jan. 22, 2018**

**Activities at the PFP include completing the movement of employees from the expanded work control zone, expanding radiological boundaries and routine surveillances.**

### Plant Status

System/Area	Status
PFP Workforce	<ul style="list-style-type: none"><li>• No safety events since last report.</li><li>• On Jan. 18, PFP management continued relocating employees out of the expanded control zone. This work is expected to be complete Jan. 18. Employees who issued a stop work on Jan. 17 related to the moves agreed to lift the stop work later that day due to the moves being complete immediately rather than in a phased approach.</li></ul>
PRF Area	<ul style="list-style-type: none"><li>• Debris pile remains covered with 3-5 feet of soil and layer of fixative.</li><li>• On Jan. 20, crews plan to place a soil cover over the PRF stub walls (6-8 foot tall sections of remaining PRF canyon walls). The walls have been repeatedly covered with fixative since Dec. 15; a soil cover will provide more stable, longer-term protection.</li></ul>
PFP Property Area	<ul style="list-style-type: none"><li>• The project began changing radiological postings to support upcoming stabilization activities, and distributed an all employee communication (<i>Attachment 1</i>) to announce the changes.</li><li>• Radiological surveys continue finding instances of naturally occurring radon.</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. 17 and 47 surveyed Jan. 18 on day shift.
- **Continuous Air Monitor Readings (14 total):** CAMs reading <1 DAC-hr as of 12:30 p.m. PST Jan. 18.
- **Air Samplers (22 total):** Air samples exchanged with no indication of activity, other than radon, as of 11:00 p.m. PST Jan. 17.
- **Bioassay:** Received no new requests for a bioassay on Jan. 17. 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:**
  - No changes to the status of PFP-controlled government vehicles as of 11:45 a.m. PST Jan. 18:

- 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. 17	Total
Total PFP-controlled government vehicles	97		97
<b>PFP-Controlled government vehicles surveyed</b>	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
<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
- Placement of soil around the PRF rubble pile (Jan. 19) and soil on the PRF stub walls (Jan. 20)  
Finalization of Rev. 1 of the PFP Action Plan, including stabilization and recovery activities, causal analysis and corrective action development and outside review.

#### **Workforce Management**

- The workforce remains committed to the current mission of hazard recognition and control, despite the challenging situation.
- CHPRC distributed an all-employee message Jan. 18 (*Attachment 1*) regarding the radiological posting changes and upcoming stabilization activities.

#### **Communications**

- On Jan. 18, PFP status briefing was provided to CHPRC's President Zero Accident Council (group consisting of salaried and hourly workers from across the company)