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

<table>
<thead>
<tr>
<th>System/Area</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFP Workforce</td>
<td>• No safety events since last report.</td>
</tr>
<tr>
<td></td>
<td>• 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.</td>
</tr>
<tr>
<td>PRF Area</td>
<td>• Debris pile remains covered with 3-5 feet of soil and layer of fixative.</td>
</tr>
<tr>
<td></td>
<td>• 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.</td>
</tr>
<tr>
<td>PFP Property Area</td>
<td>• The project began changing radiological postings to support upcoming stabilization activities, and distributed an all employee communication (Attachment 1) to announce the changes.</td>
</tr>
<tr>
<td></td>
<td>• Radiological surveys continue finding instances of naturally occurring radon.</td>
</tr>
</tbody>
</table>

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.
  o 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:
  o 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.

<table>
<thead>
<tr>
<th>Total PFP-controlled government vehicles</th>
<th>Previously reported</th>
<th>Since Jan. 17</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFP-Controlled government vehicles surveyed</td>
<td>84</td>
<td>0</td>
<td>84</td>
</tr>
<tr>
<td>Decontaminated and returned to service</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Contaminated and awaiting disposition (decontamination or radon decay)</td>
<td>14</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>No contamination found and returned to service</td>
<td>68</td>
<td>0</td>
<td>68</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PFP-controlled government vehicles at PFP remaining to be surveyed</th>
<th>13</th>
<th>(0)</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large industrial vehicles</td>
<td>2</td>
<td>(0)</td>
<td>2</td>
</tr>
<tr>
<td>Passenger vehicles</td>
<td>11</td>
<td>(0)</td>
<td>11</td>
</tr>
</tbody>
</table>

- **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)