Summary
The focus at the Plutonium Finishing Plant (PFP) is on the health and safety of the workforce, addressing worker concerns, ensuring the remaining PFP facility debris and rubble piles are stable, and mitigating the potential for any additional spread of contamination.

Since March 22, two high wind events led to the restriction of work inside the PFP work control zone. Radiological surveys following high winds on March 23-24 and a wind event March 25 detected no spread of contamination. More high winds are expected the week of March 26.

During the week of March 26, PFP workers will begin moving into newly-established mobile offices nearer the PFP work control zone. Work planning is underway to support future waste shipment activities. Routine surveys and fixative application also continue.

The DOE Expert Panel is currently reviewing CHPRC’s Draft Root Cause Evaluation Report and will provide feedback before the report is finalized in the coming weeks.

Plant Status

<table>
<thead>
<tr>
<th>System/Area</th>
<th>Status</th>
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<tbody>
<tr>
<td>PFP Workforce</td>
<td>• No new safety issues.</td>
</tr>
<tr>
<td>PRF Area</td>
<td>• The area remains stable with no contamination detected. Routine fixative applications continue.</td>
</tr>
<tr>
<td>PFP Property Area</td>
<td>• The area remains stable with no contamination detected. Routine fixative applications continue.</td>
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Radiological Surveys, Sampling and Analysis

- Surface monitoring: metal plates, called “cookie sheets,” are placed throughout the work control area, usually near air monitors. The metal plates are checked with detectors, normally twice a day, for contamination. Any contamination detected is expressed in disintegrations per minute, a unit that measures how many radioactive atoms decay in a minute.
- Continuous air monitors (CAMs): stationary monitors are placed in or near the PFP demolition zone and provide real-time information about the level of airborne radioactivity. The monitors are set to alarm, allowing workers to take protective measures if there is an indication of airborne radioactivity. Filters may also be collected from the CAMs for analysis in a laboratory to provide additional information about any airborne radioactivity. Contamination values are expressed as derived air concentrations times hours (DAC-hours).
- Fixed air samplers: stationary monitors are placed around radiological boundaries to provide retrospective, not real-time, data about the presence and type of airborne radioactivity. The monitors are fitted with filters that are routinely collected for further analysis. Contamination values are expressed as derived air concentrations times hours (DAC-hours).

On-Site and Environmental:
The Washington State Department of Health has set up a [web page](#) with environmental monitoring information about Hanford.

**Government Vehicle Radiological Surveys:**
- On Feb. 23, crews surveyed two additional government vehicles that were in the vicinity of the PFP in December. No contamination was detected.
- On Feb. 22, follow-up interior surveys of 54 PFP-controlled government vehicles were completed. No contamination as detected.
- On Feb. 1, CHPRC completed requested surveys of four Hanford Fire Department (HFD) government vehicles. No contamination was detected.
- Surveys of PFP-controlled government vehicles were completed Jan. 23. Decontamination and dispositioning of 27 contaminated vehicles is ongoing. Those vehicles remain in a radiologically-controlled area.
Contaminated and awaiting disposition (held as radiologically-controlled vehicles or decontaminated) | 27
---|---
No contamination found and returned to service | 68

- **Personal Vehicle Radiological Surveys:**
  - Personal vehicle survey summary:
    - Dec. 26: Seven personal vehicles identified as contaminated by close of business Dec. 19 were decontaminated, surveyed and released as of Dec. 26
    - Jan. 26: One of seven original personal vehicles surveyed and released Dec. 26 (and remained on site since that time) was found to be contaminated; vehicle was decontaminated Jan. 28.
    - Jan. 31: One of seven original personal vehicles surveyed and released Dec. 26 (rental car) was resurveyed and found to be free of contamination.
    - Feb. 1: Seven Hanford Fire Department personal vehicles surveyed; no contamination was detected.
    - Feb. 26: One employee’s personal vehicle surveyed; no contamination was detected.

- **Home Surveys:**
  - There have been no new requests for home surveys since Feb. 5. Home survey summary:
    - Dec. 20: Seven originally-requested home surveys complete with no contamination found.
    - Feb. 6: Requested survey of PFP employee’s home completed with no contamination found.

**Expert Panel:** Members of the PFP Expert Panel continue to meet. The panel consists of federal, officials with expertise in several scientific and technical disciplines who can consult with industry and academic leaders with similar expertise. The panel will evaluate CHPRC’s recovery from the contamination event and its proposed technical approach for safely completing demolition of PFP. The panel will provide observations and recommendations to CHPRC. The Expert Panel’s charter and biographies of its members are available at [www.Hanford.gov](http://www.Hanford.gov).

**Workforce Management:**
- The workforce remains committed to the current mission of hazard recognition and control despite the challenging situation.

**Communications:**
- During the week of March 26, PFP leadership will hold a roundtable discussion with radiological control technicians, one of several roundtable meetings scheduled with PFP workers in the coming months to discuss current project activities, the path forward and to solicit feedback.