

Plutonium Finishing Plant Recovery Update

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From: Connie Simiele, Assistant Manager, Plutonium Finishing Plant Recovery

To: CHPRC Employees (please cascade)

Subject: PFP UPDATE: ACTIVITIES TO SUPPORT IMPLEMENTATION OF NEW STABILIZATION RADIOLOGICAL BOUNDARIES

In the coming days, the Plutonium Finishing Plant (PFP) workforce will begin activities that are required prior to the implementation of new stabilization radiological control boundaries and a revised work authorization zone.

In addition to radiological surveys; maintenance application of paint, fixative and soil cement; and activities to maintain compliance, The Department of Energy (DOE) views these activities to be consistent with stabilization, as defined in its Jan. 5, 2018, letter to CHPRC:

1. Ship previously containerized waste to the Central Waste Complex.
2. Place covers over already-packaged waste material to ensure container integrity pending waste load out.
3. Perform non-destructive assay (measurement of radioactive contents) of loaded waste containers.
4. Visually inspect and repack five loaded waste drums.
5. Inspect previously loaded containers containing low-level waste (less than 20 containers).
6. Reconfigure water supply for the water loop around the PFP for dust suppression.
7. Isolate water connections inside the PFP boundary and facilities.
8. Work with Mission Support Alliance, LLC (MSA) to define and implement access control updates to support sewer maintenance activities and security surveillances.
9. Work with MSA to coordinate utility configuration in the proposed PFP boundaries to minimize impacts to the 200 West area of the Hanford site.
10. Install additional expanded boundary monitoring equipment and associated power supplies.
11. Remove personal items from the PFP trailers.
12. Move clean equipment out of the work zones.

13. Install back-up generators and battery change outs for the communications trailers.
14. Update primary and alternate employee staging areas designations and postings.
15. Update primary and alternate incident command post designations, postings, and materials.
16. Update emergency response documentation to support the increased boundaries.
17. Perform baseline surveys of areas to be included in new work control zones.
18. Establish warming/cooling areas/tents/buildings at exit/release points.
19. Protect/cover/wrap equipment that must remain within the new boundaries to support future use.
20. Remove or relocate approximately 30 empty ERDF containers.

While boundaries for new stabilization radiological control areas and a work authorization zone are still being developed, a map showing proposed boundaries is [here](#). The approved work listed above is necessary for any reconfiguration of radiological and work control boundaries. CHPRC is working with other Hanford contractors (OHC) on these boundary revisions and will inform the OHCs and employees of the new approved boundaries well before implementation.

CHPRC will not conduct any PFP demolition activities until DOE approves them.

As a reminder, the work control zone remains under the access control of the PFP Shift Office so that the PFP is fully aware of what other work is occurring nearby. Although the PFP work control zone is not a radiological area, coordination and communication with the PFP Shift Office (373-0891) is required for entry and exit.