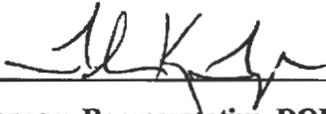


**February 6, 2018, Meeting Minutes
Plutonium Finishing Plant (PFP)
Bi-weekly Status Briefing to Ecology/EPA/WDOH on Responses to EPA/Ecology letter dated
January 9, 2018 re:
PFP Stop Work
Building 2430/Room 199 3:30-4:30pm**



Date: 3/13/2018

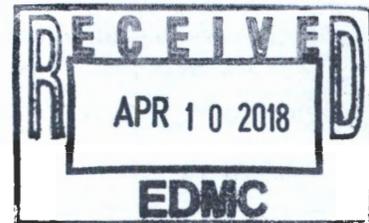
Project Manager Representative, DOE-RL



Date: 3/13/18

Project Manager Representative, Ecology

Administrative Record (M-83)	H6-08
S. G. Austin, CHPRC	A6-01
N. S. Cruz, CHPRC	A6-01
W. G. Cox, CHPRC	T5-60
L. J. Cusack, CHPRC	A6-01
D. R. Einan, EPA	A3-46
M. T. Hughey, CHPRC	T4-53
G. R. Konzek, RL	A6-38
E. Laija, EPA	A3-46
C. Mathey, WDOH	B1-42
S. N. Schleif, Ecology	H0-57
B. J. Stickney, RL	H5-30
T. K. Teynor, RL	A6-38
T. Vaughn, CHPRC	T4-52
K. A. Wooley, CHPRC	T5-60
A. K. Wright, RL	H5-30



The purpose of this briefing was to provide a continuing dialogue on the information requested in the January 9, 2018 Ecology/EPA letter re: Creation of Danger Pursuant to Article XXXII Hanford Federal Facility Agreement and Consent Order (HHFACO), as well as provide updates on the status of PFP recovery actions. On January 26, 2018, CHPRC delivered to Ecology (with a copy for WDOH) and EPA the information requested in the letter that was available. As previously agreed to, updates will be provided on the causal analysis (Item #1), corrective actions (Item #2), and bioassay results (Item #7) until finalized (estimated to be mid-March at the earliest). Meeting minutes from the January 23, 2018 briefing were signed by RL and Ecology Project Managers, and will be placed into the Administrative Record.

Tom Teynor, RL PFP Project Manager, asked if the information delivered on January 26, 2018 was adequate or if the regulators had any questions. Stephanie Schleif, Ecology PFP Project Manager, stated yes but has not had time to fully review the information. WDOH staff indicated it looked complete; but were still reviewing. Updates to Items #1, 2 & 7 are provided below.

1. A description of the corrective actions that were developed as part of the causal analysis for these events and those that were implemented (Item 1).

Interim RL/CHPRC Response: Corrective actions from the causal analysis will not be available until mid-March, 2018 at the earliest.

Causal Analysis Process and Steps to be completed:

- Implement the Causal Analysis (CA) Process
- Complete the CA report and Jacobs Engineering corporate review,
- Based on the final CA, develop corrective actions to prevent recurrence
- Have corrective actions reviewed by DOE expert panel, DOE-RL, and DOE-HQs.

Update #1: Tom Teynor, RL PFP Project Manager, stated the report from Jacobs Independent Corporate Review of PFP Project's causal analysis and corrective actions is anticipated late this week or early next week. DOE will share it when available, and add it to the PFP Recovery Website. The DOE expert panel is getting up to speed on PFP and has made several document requests. The PFP Recovery Website has the work biographical sketches (BIOs) for the DOE Expert Panel, but it was uncertain whether the Jacobs Corporate Panel BIOs were on the website. Ms. Schleif, stated it helps Ecology/WDOH to see the results from these reviews prior to being posted on the website in order, for example, to prepare a communication plan. Thus, getting the information a week in advance would be beneficial.

2. A briefing summarizing these corrective actions (Item 2).

Interim RL/CHPRC Response: A briefing will be provided at the same time as Item #1 to go over both the causal analysis and corrective actions.

3. Bioassay Results (Item #7) to include:

7a. Dose, location, sample date, and result date.

7b. Dates that employees were offered bioassays.

7c. Any dose modeling done to account for delays from uptake to bioassay.

Interim RL/CHPRC Response: Information will be provided after final results have been received from the laboratory and discussed with affected individuals. This is estimated to be mid-March 2018.

Update #1: Terry Vaughn, CHPRC Vice President for Safety, Health, Security and Quality, provided an update that a total of 273 employees had submitted bioassay samples, which is up two from the January 23, 2018 briefing. The total number of positive results to date, and what job the employees with verified positive results were performing was discussed. A new category of results termed preliminary positive has been created allowing the bioassay laboratory to provide a quicker indication of a potential positive result; however it is not bounded by any dose. To date, 11 preliminary positives have been reported. This will be presented on the PFP Recovery Website, and a definition will be added. Currently, CHPRC is on schedule for receiving all results by March 5, 2018 for the 273 bioassays that have been submitted to date.

Ecology had requested to be updated when bioassay information was being placed on the website. It was agreed that Ecology would be notified, and EPA and WDOH will be provided a similar notification. The regulators were invited to attend a "Bioassay 101" training on Thursday, February 8, 2018 which is being provided as non-mandatory training for Hanford employees. An invite would also be forwarded to Rod Lobos, EPA, as Dave Einan, EPA Project Manager, would be on travel at that time.

Crystal Mathey, WDOH, asked for clarification of where the PFP footprint was for the purposes of identifying which employees were either within the PFP footprint or outside of it. An action was taken by the PFP Project to provide a map depicting the footprint.

In addition to the status updates for the three items, updates were provided on related PFP recovery activities. Revised draft Radiological Boundaries are being reviewed this week and will go to EM Headquarters for approval within a week. A courtesy copy will be provided to EPA/Ecology/WDOH. Additionally, if the RL Manager approves the boundaries, that will be communicated to the regulators.

Overall, the Project is planning to apply fixative to trailers tomorrow that are in the current contamination area boundary, and wants to commence moving to the new trailer complex near the 200W Pump & Treat Facility by the end of February. There have been five wind events recently, and no spread of contamination has been found. There are impacts to some of the Soil and Groundwater Remediation Project work regarding accessing the PFP Access Control Area, and they are currently working through a Stop Work. CHPRC Radiological Control Technicians

are being trained to conduct bi-weekly filter change outs of the near field monitors within the expanded PFP boundary.

Ms. Schleif asked for a list of work activities being conducted outside of the stop work other than spraying fixative on debris piles and conducting surveys, and how approved activities are being communicated to the workers and other organizations. Mr. Teynor stated drum venting and Nucfil change out on drums/waste containers was being completed, and CHPRC has a communication plan to notify MSA and WRPS of activities, including future radiological and access control boundary changes. In the next two weeks, the PFP Project would be looking to move packaged waste out of the PFP footprint, including 1800 TLs and ERDF Roll-on/Roll-off containers.

It was agreed a meeting would be set up during the week of February 12, 2018 to discuss and answer questions on the revised boundary and waste containers, and that PFP revised radiological boundary maps would be provided in advance.

New Action Items:

1. Map defining PFP footprint for bioassay reference – Kelly Wooley/Bill Cox/Glenn Konzek **(Completed with email from Glenn Konzek to Stephanie Schleif dated February 14, 2018)**
2. Provide a courtesy copy/notification of approval of the proposed radiological boundaries to Stephanie/Dave/John– Teynor/Stickney **(Completed by Tom Teynor email to Stephanie Schleif, Dave Einan, and John Martell, on February 13, 2018)**
3. Set up a meeting for week of February 12 for Q&A regarding proposed radiological boundaries (prior to public release) and handling of containers for Stephanie/Dave/John/Crystal (requested by Rod)- Allison **(Completed on February 8, 2018)**
4. Add John Martell/Dave Einan on notifications of when bioassay information gets posted to website (similar to Ecology request) – Teynor to notify Geoff T. **(Completed February 7, 2018)**
5. Forward Bioassay Training 101 invite to Rod Lobos – Allison **(Completed)**
6. Combine February 20, 2018 bi-weekly with PMM – Glenn/Bill Cox (Allison to provide list of invitees not on PMM) **(Completed on February 12, 2018)**
7. Minutes – Allison

Open and Completed Action Items:

1. Provide Items 1 & 2 (corrective actions/causal analysis and briefing) – Brian Stickney/Tom Teynor (mid-March 2018)
2. Provide completed Item 7 (Bioassay Information) – Terry Vaughn (mid-March 2018)
3. Clear Photos and add dates and labels to those shown with Item 5 discussion (locations of foggers/water usage) – Laura Cusack **(completed with January 26, 2018 information).**
4. Offer Bioassay 101 Training to regulators – Terry Vaughn **(Completed February 8, 2018)**

5. Provide cleared information to Ecology/EPA by January 26 – Laura Cusack/Tom Teynor (support from Allison Wright) – **CHPRC delivered information on January 26, 2018.**

Attachments:

- Attendance Roster

