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May 15, 2018, Meeting Minutes  
Plutonium Finishing Plant (PFP)  
Project Managers Meeting  
2420 Stevens Center, Room 408

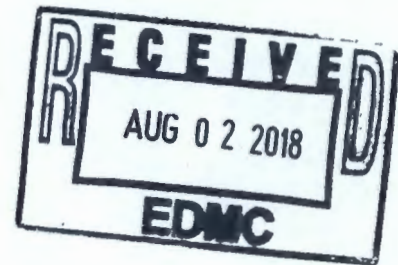
Date: June 27, 2018

Project Manager Representative, DOE-RL

Date: 6/27/18

Project Manager Representative, Ecology

Administrative Record	H6-08
S. G. Austin, CHPRC	A6-01
N. S. Cruz, CHPRC	A6-01
W. G. Cox, CHPRC	T5-60
M. T. Hughey, CHPRC	T4-53
G. R. Konzek, RL	A6-38
E. Laija, EPA	A3-46
S. N. Schleif, Ecology	H0-57
T. K. Teynor, RL	A6-38
K. A. Wooley, CHPRC	T5-60



## Administrative Topics

Minutes from the April 19, 2018, Project Managers Meeting were signed and will be placed in the Administrative Record.

## Action Status

Action	Actionee	Status
Provide information to the regulators on funding impacts to other projects and milestones	RL	Closed for 2018, 2019 budget impacts still open.
Provide a schedule for installation, the number, the types, and locations for the new PFP monitoring equipment	RL	Remains open

## Status of PFP Waste Storage in the North Outside Storage Area (NOSA)

As of May 14, 2018 there were 17 1800TL container(s) of waste and 6 empty 1800 TL containers stored at the NOSA.

## PFP Milestone Status (RL/CHPRC).

- M-083-00A, *Complete PFP Facility transition & selected disposition activities. Completion of this major milestone includes the following key elements: 1) completion of all activities necessary to achieve end point criteria established through Milestone M-83-20 for placing the PFP facility in a safe and stable S&M mode, 2) completion of all activities described in the approved M-83 series interim milestones and target date; and 3) completion of the balance of PFP selected disposition activities pursuant to the final action memoranda and work plans. Also see "description/justification" contained in change form M-83-01-03. 9/30/2017 (Missed)*

Tom Teynor (RL) stated the milestone has been missed as previously discussed in other PMMs and that the project is still performing recovery actions.

## Project Progress, Issues, Concerns, and Challenges

Kelly Wooley (CHPRC) discussed the progress on establishing the new radiological boundaries. The new radiological buffer area is being installed and will go into effect once completed and posted. The new contamination area boundary location has not been finalized yet but is expected to be in place in July, 2018.

Glenn Konzek (RL) explained how the temporary exhauster discussion and the addition of the two bullets below will transition from the bi-weekly meetings back into the Project Manager Meetings for tracking purposes. In general, the bi-weekly meetings established to status outstanding information from the EPA/Ecology Creation of Danger and WDOH Letter of Concern will be discontinued and project discussions will move back to the Project Manager Meetings.

- **Non-destructive assay of temporary exhauster units final HEPA filters**

Kelly Wooley (CHPRC) stated that work instructions need to be developed to inspect the exhausters and to remove the filters so non-destructive assay may be performed on them. This is currently scheduled to be completed in July, 2018.

- **Use of temporary exhausters for 234-5Z building demolition**

Kelly Wooley (CHPRC) explained that Engineering is evaluating the most effective positioning of the exhausters and how to connect them to the building to accomplish air flow. Mr. Wooley (CHPRC) pointed out this is not to obtain differential pressure on the building, simply to direct air flow.

Eric Faust (RL) explained that an agreement similar to what was in the July 27, 2017 Project Manager Meeting minutes for 236Z will be developed for 234-5Z. Mr. Faust (RL) asked Bill Cox (CHPRC) to status the progress. Mr. Cox (CHPRC) stated the document was drafted and had been reviewed by the CHPRC air subject matter expert. There are only a few comments to incorporate, then the document would be sent to RL for review, then to Ecology.

Kelly Wooley (CHPRC) continued the project status by stating that fixative application was on going. Recently, there was a stop work on loading the super sacks regarding the size of the boundary and entry restrictions during loading. The issues were discussed with the employee and resolved without change to the boundary. During the past week there was also a loss of power to some continuous air monitors and air samplers. Electricians are troubleshooting the electrical distribution equipment for the air monitors and samplers, but there is general agreement that the cause can be attributed to a recent lightning storm passing through. One continuous air monitor affected by the loss of power, alarmed when turned on during a sample exchange. The affected personnel responded appropriately until they were given authorization to survey back to the CAM. It was later determined Radon had built up on the sample paper and caused the alarm condition.

Stephanie Schleif (Ecology) asked if that meant no sacks were loaded. Mr. Wooley (CHPRC) responded that none were loaded. Loading was rescheduled for Friday, May 18, 2018.

Tom Teynor (RL) stated that the electron microscopy study has been completed and there was an accompanying white paper that should be read (i.e., white paper from the PFP Recovery webpage titled "Particle size Related to Inhalation/Ingestion Exposure and the December 2017 Contamination Spread at the Plutonium Finishing Plant" dated March 2018). Mr. Teynor (RL) mentioned the Defense Nuclear Facilities Safety Board is considering putting together a recommendation letter regarding the December 2017 contamination spread, and the DOE Office of Enforcement will be conducting interviews this week with various people. The CHPRC Management Assessment has been scheduled for June, 2018 under the assumption that the preferred approach identified in the options engineering study is used, and methods outlined in the resumption of demolition plan will not change. However, the expert panel has not provided feedback yet.

#### Ecology Topics.

Stephanie Schleif (Ecology) said she had received the table of 21 stabilization and risk reduction activities with current status from Mr. Teynor (RL) via email on May 2, 2018. Ms. Schleif (Ecology) asked that the table be attached to these meeting minutes.

John Martell (WDOH) said that there is great interest in the particle size report by the BuzzFeed organization and that there may be an information request from them. Tom Teynor (RL) replied that Hanford Challenge has been trying to build a case for exposure to High Fired Plutonium Oxide due to demolition and that may be tied to the interest in the particle size report.

### Meeting Summary

- There were no approved changes signed off in accordance with Section 12.2 of the TPA action plan.
- New Actions:
  1. Prepare Agreement for use of Temporary Exhausters during the remaining demolition of building 234-5Z.
  2. Provide the results of the non-destructive assay of the final HEPA exhauster filters used during 236Z demolition.
  3. Provide status of the 21 stabilization and risk reduction activities during the PMM

### Next Meeting Date and Location:

Next meeting will be on June 19, 2018, changed to June 27, 2018 after the meeting, to be held in 2420 Stevens Center, room 408.

**Attachment:** Status of 21 Stabilization and Risk Deduction Activities.

## Authorized Work by DOE

#	Activity	Communication DOE/Regulators
1	Shipping previously containerized waste to CWC. (Approximately 20-TRU TL-1800s, 5-TRU SWBs, 10-TRU SLB2s, 10-LLW Boxes, 35-TRU Drums, 55-LLW Drums, 45-Hazardous Waste Drums, 5-Universal Waste Drums)	
2	Placing covers over super sacs (containing PRF strongbacks and gallery GB sections) to ensure container integrity pending waste load out. (Approximately 25-IP1 Bags with PRF waste items, 20-Bags with PRF rubble)	
3	NDA of loaded waste containers (with specific focus on the 1800 TLs noted in item #1 above)	
4	Perform visual inspection & repack of 5 loaded waste drums	
5	Perform inspections, surveys, and shipment to ERDF of previously loaded RO/RO containers	
6	<b>Perform hydrant tie in to location adjacent to Dayton &amp; 19<sup>th</sup> to support water source outside of new proposed CA supplying PFP water loop</b>	<b>Complete 4/23/2018</b>
6a.	Includes laying water line in and outside of current RBA/PFP work control zone	Completed 4/23/2018
6b.	Tie into current water loop replacing connection to current hydrant	Complete 4/23/2018
6c.	Excavation of road crossings under 19 <sup>th</sup> Street and Dayton Avenue are located in radiological clean areas outside the PFP access control boundary	Completed 4/23/2018
7	Isolation of water connections inside the PFP boundary and facilities	
8	Define and implement access control updates in conjunction with MSA to support sewer maintenance activities and security surveillances. MSA is evaluating the possibility of sealing the manhole cover. Activities will not involve excavation inside of radiological posted Contamination Areas	Completed 3/15/2018
9	Working with MSA coordinate Electrical Utilities configuration in the proposed PFP boundaries to minimize impacts to 200W power distribution. Activities will not involve excavation inside of radiological posted Contamination Areas	Completed 3/15/2018
10	Implementation of additional expanded boundary monitoring equipment and associated power supply	
11	Relocation of personal items from the PFP trailers	
12	Move clean equipment out of the work zones (NDA, chemicals, supplies)	
13	Installation of back-up generators and battery change outs for the communications trailers	Completed 3/23/2018
14	Update Primary and alternate staging areas designations and postings	Complete 4/26/2018
15	Update Primary and alternate ICP designations, postings, and materials	
16	Update emergency response documentation to support the increased boundaries	Complete 4/26/2018
17	Perform baseline surveys of areas to be included in new work control zones	
18	Establishment of warming/cooling areas/tents/buildings at exit/release points	
19	Protect/cover/wrap equipment that must remain in the new boundary to support future use	
20	Remove or relocate approximately 30 empty ERDF containers	Completed 4/26/2018
21	Perform Super Sack loading	

**PFP Project Managers Meeting**  
**2420 Stevens Center Room 408**  
**May 15, 2018**  
**ATTENDANCE LIST**

Name	Organization	Phone Number
1. Bill Cox	CHPRC-PFP	372-9345
2. Tom Teyner	DOE-RL	376-6363
3. Kelly Wooten	CHPRC-PFP	308-9861
4. Eric Faust	DOE-RL	376-9607
5. Glenn Konzek	DOE-RL	376-8399
6. Stephanie Schlerf	Ecology	372-7929
7. JOAN MARTELL	WDOH	946-3798
8. <del>Walt Madney</del>	WDOH	943-5216
9. Allison Wright	DOE/ESU	373 7303
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