

May 21, 2019, Meeting Minutes
Plutonium Finishing Plant (PFP)
Project Managers Meeting
2420 Stevens Center, Room 308



Date:

6/25/2019

Project Manager Representative, DOE-RL



Date:

6/25/2019

Project Manager Representative, Ecology

Administrative Record	H6-08
S. G. Austin, CHPRC	A6-01
J. L. Casper, CHPRC	T1-43
N. S. Cruz, CHPRC	A6-01
W. G. Cox, CHPRC	T1-43
T. Howell, Ecology	H0-57
M. T. Hughey, CHPRC	T4-53
E. Laija, EPA	A3-46
S. N. Schleif, Ecology	H0-57
T. K. Teynor, RL	A6-38

Administrative Topics

Minutes from the April 16, 2019 Project Manager Meeting were approved, signed, and will be uploaded to the Administrative Record.

Action Status

Action	Actionee	Status
Provide results of the non-destructive assay of exhausters final HEPA filters used during 236Z demolition	RL	9 of 24 filters out. Estimate 8 more days to remove remaining filters. NDA should be complete mid-May
Provide work site assessment, PFP-2019-WSA-23542 for lessons learned	RL	Was sent but will be sent again
Provide higher-risk work briefing to regulatory personnel	RL	Set up initially for July 8 th , but was later changed to June 18 th .

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

There were 16 1800TL container(s) of waste and 20 empties. No more containers will be shipped to Perma-Fix Northwest the remainder of this fiscal year (2019).

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)*

Project Progress, Issues, Concerns, and Challenges

Tom Teynor (RL) reported that demolition of the west vault of 234-5Z was complete. Jason Casper (CHPRC) added that remaining vault rubble from the vault would be loaded out today (5/21/2019) if the weather holds. Workers are now preparing to start lower-risk demolition on stairwells 1 and 2 of 234-5Z building. Mr. Teynor also stated Ecology would be notified prior to the start of that demolition.

Jason Casper (CHPRC) talked to the summary schedule and explained that 70 ERDF roll on roll off containers had been loaded this past week.

Crystal Mathey (DOH) asked if the NDA results would be available before the exhausters were started for 234-5Z demolition. Jason Casper (CHPRC) responded yes the results would be provided before exhausters are started. Mr. Casper (CHPRC) further explained the schedule dates indicate the exhausters in place but not running prior to the NDA results being available.

Stephanie Schleif (Ecology) stated that the agreement to use the exhausters on 234-5Z higher-risk demolition needs approval prior to using the exhausters. Approval is waiting on the NDA results being available.

Crystal Mathey (DOH) asked if the Department of Health could get the total flow through the IONEX exhauster's filters. Tom Teynor (RL) responded that the flows would be provided through Ecology.

Jason Casper (CHPRC) explained that there is one glovebox left in the RMA and RMC area to take out at the start of the higher-risk demolition.

Stephanie Schleif (Ecology) asked if the fire at Perma-Fix has affected the shipment of Hanford containers to Perma-Fix. Tom Teynor (RL) didn't know but would find out and pass the information on to Ecology.

Mr. Teynor (RL) then provided an overview of the PFP funding for the next fiscal year. Stephanie Schleif (Ecology) asked about PFP funding for the next fiscal year and what Projects would be affected. Mr. Teynor (RL) replied that carryover funding would be short and additional funds cannot be requested. To minimize impacts to other Projects, unencumbered funds are being attached for PFP.

Stephanie Schleif (Ecology) told everyone this would be the last PMM she would attend and that Theresa Howell would be the acting Ecology Project Manager until the Ecology Project Manager position is filled.

Tom Teynor (RL) asked if Stephanie should be cc'd on correspondence. Ms. Schleif (Ecology) responded yes, until the Article 32 stop work is lifted.

- **Status of open actions from 21 stabilization and risk reduction activities (Attachment 1)**
Jason Casper (CHPRC) provided an update for the two items on the list still open. One hazardous waste drum was shipped. The container categories completed have been removed from the list.
- **Status of open actions from other meetings (Attachment 2)**
The lower-risk actions have been completed and removed from the list. For the higher-risk work actions, the meeting set up for June 18th 2019 is to address the three briefing topics.
- **Changes to planned or actual work that departs from Demolition Resumption Plan**
Jason Casper (CHPRC) said there no changes to the work that would cause changes to the demolition resumption plan.

Ecology Topics.

There were no new topics from Ecology. Crystal Mathey (DOH) asked for clarification on the numbers used to control the amount of demolition allowed daily. Jason Casper (CHPRC) explained that the air dispersion model limit of 5% of the 234-5Z Building per day equates to about 90 ERDF roll on roll off containers. The PFP Project has chosen to use the equivalent of 20 roll on roll off containers as a conservative factor. In other words, if at the end of demolition more than 20 roll on roll off containers of rubble is on the ground no demolition can take place until the rubble is addressed.

Meeting Summary

- There will be three meetings in June; higher-risk demolition work briefing, the next Project Manager's Meeting, and a meeting to discuss the higher-risk work packages.
- New Actions:
 1. Resend work site assessment (PFP-2019-WSA-23542)
 2. Provide higher-risk work briefing to regulatory personnel
 3. Provide IONEX unit flow volumes

Next Meeting Date and Location:

The next meeting was scheduled to occur on June 18 but was later changed to June 25 at 0830 in 2420 Stevens Center.

Attachments:

Attachment 1: Status of 21 Stabilization and Risk Reduction Activities.

Attachment 2: Status of open action items from other meetings to track in PMM.

Attachment 3: Summary Field Execution Schedule

Attachment 1 Status of 21 Stabilization and Risk Reduction Activities

#	Activity	Communication DOE/Regulators
1	Shipping previously containerized waste to CWC. (Approximately 4 out of 35-TRU Drums, 5 out of 55-LLW Drums, 1 out of 45-Hazardous Waste Drums remain)	10 containers left to ship
2	Placing covers over super sacs (containing PRF strongbacks and gallery GB sections) to ensure container integrity pending waste loadout. (Approximately 25-IP1 Bags with PRF waste items, 20-Bags with PRF rubble)	Completed 7/19/2018
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	4 left
5	Perform inspections, surveys, and shipment to ERDF of previously loaded RO/RO containers	Completed 12/18/2018
6	Perform hydrant tie in to location adjacent to Dayton & 19 th to support water source outside of new proposed CA supplying PFP water loop	Completed 4/23/2018
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	Completed 4/23/2018
6c.	Excavation of road crossings under 19 th 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	Completed 6/26/2018
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	Completed 4/26/2018
15	Update Primary and alternate ICP designations, postings, and materials	Completed 6/5/2018
16	Update emergency response documentation to support the increased boundaries	Completed 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 – Status 20 of 20 TRU Complete	Completed 6/18/2018

* Completed – Will remain open due to other authorized activities still on going

Attachment 2 Action Items From Other Meetings to Track in PMM

June 26, 2018 Ecology/EPA letter - Prerequisites for Higher-Risk Work:

- RL briefing that includes:
 1. An evaluation of the effectiveness of the corrective actions that have been implemented in the Resumption of Work Plan.
 2. A higher-risk work package. Jason Casper (CHPRC) walked everyone through the work packages for demolition of the 234-5Z A and C lines and the 236Z final demolition and debris load out.
 3. The lessons learned from the completion of the lower-risk demolition.
- Notify EPA/Ecology prior to beginning each phase of higher-risk work (demolition of A and C lines, and 236-Z rubble pile).

Attachment 3 Summary Field Execution Schedule

PFP Field Execution Schedule						Data Date: 19-May-19 Project: RL-011 NM														
#	Activity ID	Description	Num Dsr	Start	Finish	Chg from Last Month	2019													
							May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
1	Total		119	11-Apr-19 A	19-Dec-19	0	[Gantt chart bars for Total]													
2	234-5Z Plutonium Finishing and Storage Facility		72	11-Apr-19 A	25-Sep-19	0	[Gantt chart bars for 234-5Z Plutonium Finishing and Storage Facility]													
3	234-5Z Lower Risk Demolition		42	11-Apr-19 A	01-Aug-19	0	[Gantt chart bars for 234-5Z Lower Risk Demolition]													
4	234-5Z Installation of Exhauster for Higher Risk Demolition		11	20-Jun-19	10-Jul-19	0	[Gantt chart bars for 234-5Z Installation of Exhauster for Higher Risk Demolition]													
5	234-5Z Lower Risk Demolition - Post Jobs/Lessons Learned		1	05-Aug-19	05-Aug-19	0	[Gantt chart bars for 234-5Z Lower Risk Demolition - Post Jobs/Lessons Learned]													
6	Closure of Article 32 Stop Work		1	20-Jun-19	20-Jun-19	0	[Gantt chart bars for Closure of Article 32 Stop Work]													
7	234-5Z Higher Risk Demolition		28	06-Aug-19	24-Sep-19	0	[Gantt chart bars for 234-5Z Higher Risk Demolition]													
8	Remove Glovebox HA-46		1	19-Sep-19	19-Sep-19	0	[Gantt chart bars for Remove Glovebox HA-46]													
9	234-5Z Higher Risk Demolition - Post Jobs/Lessons Learned		1	25-Sep-19	25-Sep-19	0	[Gantt chart bars for 234-5Z Higher Risk Demolition - Post Jobs/Lessons Learned]													
10	Ancillary and Misc. Yard Removal		4	24-Jun-19	27-Jun-19	0	[Gantt chart bars for Ancillary and Misc. Yard Removal]													
11	Ancillary and Misc. Yard Removal		4	24-Jun-19	27-Jun-19	0	[Gantt chart bars for Ancillary and Misc. Yard Removal]													
12	236-Z Plutonium Reclamation Facility		34	20-Sep-19	25-Nov-19	0	[Gantt chart bars for 236-Z Plutonium Reclamation Facility]													
13	236-Z Canyon Demolition and Debris Loadout		33	20-Sep-19	21-Nov-19	0	[Gantt chart bars for 236-Z Canyon Demolition and Debris Loadout]													
14	236-Z Canyon Demolition and Debris Loadout - Post Jobs/Lessons Learned		1	25-Nov-19	25-Nov-19	0	[Gantt chart bars for 236-Z Canyon Demolition and Debris Loadout - Post Jobs/Lessons Learned]													
15	236-Z and 242-Z Slab Characterization		14	25-Nov-19	19-Dec-19	0	[Gantt chart bars for 236-Z and 242-Z Slab Characterization]													
16	Core Drill and Characterize 236-Z and 242-Z Slabs		14	25-Nov-19	19-Dec-19	0	[Gantt chart bars for Core Drill and Characterize 236-Z and 242-Z Slabs]													
<p>This is a deterministic schedule with the following assumptions:</p> <ul style="list-style-type: none"> -No significant impacts from lost work days due to one or more of the following: <ul style="list-style-type: none"> -Weather -Staffing -Equipment failures -Stop works -Site conditions -Contamination events -Other unforeseen circumstances -Planned shift configuration and concurrent demolition will be as effective as anticipated. 																				

PFP Project Managers Meeting
2420 STVCN, CR 308
May 21, 2019
ATTENDANCE LIST

Name	Organization	Phone Number
1. Jason Casper	CHPRC	208-346-0426
2. Tom Teymur	DOE	509-438-3556
3. Stephanie Jehleif	Ecology	509-372-7929
4. Theresa Howell	Ecology	509-372-7955
5. Crystal Mathey	WDOH	509 840 - 372-78-0843
6. Shannon Johnson	WDOH	509 537 2054
7. Bill Cox	CHPRC	509 372-9345
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