

July 23, 2019, Meeting Minutes  
Plutonium Finishing Plant (PFP)  
Project Managers Meeting  
200 West MO287, Room A-111

---

 FOR T. TEYNOR Date: 8/21/19  
Project Manager Representative, DOE-RL

 Date: 8/21/19  
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 June 25, 2019 Project Manager Meeting were signed, and will be uploaded to the Administrative Record.

## Action Status

Action	Actionee	Status
Provide a copy of the material at risk table for RMA and RMC lines area	RL	Closed (via email on 7/10/2019 from DOE to Ecology)
Provide notification prior to beginning each phase of higher risk work Demolition of RMA and RMC lines Demolition/load out of 236Z rubble	RL	

## 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) provided hard copies of the potential to emit calculation for use of the exhausters during demolition of RMA and RMC lines area of 234-5Z Building. Mr. Teynor (RL) explained that it completed clearance that morning and that the electronic file will be sent out today (7/23/19). A discussion about approving the exhauster agreement (REG-0957) followed. Mr. Teynor (RL) stated there would be a signature page in the REG-0957 to document approval. Later it was decided to remove the signature page and document acceptance in the Project Manager Meeting minutes.

Tom Teynor (RL) talked about the DOE Office of Enterprise Assessments report and that the regulatory agencies should be prepared for possible spins of the report by the news outlets. Mr. Teynor (RL) then informed the group that the source from Harborview was now on the Hanford Site at the 325 Building.

Jason Casper (CHPRC) provided an overview of the Project schedule and stated that one day had been lost since the last status. The weather continues to have the greatest impact to the schedule. The higher hazard work is currently on track to begin by August 27<sup>th</sup>.

Tom Teynor (RL) stated that CHPRC has submitted a letter requesting RL authorization for higher risk demolition and that RL will respond by letter. Mr. Teynor (RL) offered to provide copies of both letters to the regulatory agencies.

Jason Casper (CHPRC) provided a virtual tour of the demolition area by use of the cameras and discussed pipe removal from the east end tunnels and sequence of remaining lower risk demolition. Mr. Casper (CHPRC) also talked to plans to expand the load out area, setting up the truck scale, placement of the exhausters, and shipping cans to ERDF on Tuesdays and Thursdays.

Mr. Casper (CHPRC) then talked about dealing with some higher risk work activities ahead of higher risk building demolition because there are 236Z items in the way. Specifically they are the 236Z canyon crane in a supersack just to the south of the 234-5Z building, two soil sacks at the south end of the load out line, and 6 ERDF roll-on roll-off cans near the south fence line that were affected by December 2017's events. Mr. Casper (CHPRC) pointed out that even though these items were associated with 236Z demolition, they are all low-level waste.

Tom Teynor (RL) said that he has authorized limited higher risk work to deal with these items.

Crystal Mathey (DOH) asked to clarify if the limited higher risk work authorization was for the 236Z items just described. Jason Casper (CHPRC) confirmed that is what the limited higher risk work authorization covers.

- **Status of open actions from 21 stabilization and risk reduction activities (Attachment 1)**  
There was no change from last meeting. This work is dependent on resources.
- **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. Mr. Casper (CHPR) stated that so far more than 60 changes have been reviewed against the resumption plan.

Tom Teynor (RL) stated that the rate of demolition is very tightly controlled and that complacency is the biggest concern.

Tom Teynor (RL) and Jason Casper (CHPRC) talked about how tours to the PFP area are picking up in frequency and then showed some time-lapse videos of demolition.

#### Ecology Topics.

Theresa Howell (Ecology) stated there were no special topics from Ecology. Hiring a new Ecology Project Manager was at least two months away and Theresa was going to try to stay with PFP.

Tom Teynor (RL) informed the group that he would be out the office for the next two weeks.

Crystal Mathey (DOH) asked how close the public tours came to the PFP demolition area. Tom Teynor (RL) and Jason Casper (CHPRC) both answered that the tours stay outside the work control boundary and is at least one fifth of a mile away.

#### Meeting Summary

Ecology would like to be kept informed of public visits to PFP as they are planned.

- New Actions:
  1. Provide copies of the CHPRC and DOE letters regarding authorization for resumption of higher risk work

#### Next Meeting Date and Location:

The next meeting was scheduled to occur on August 21 at 1100 hours in MO287 CR-A111, 200 West Area.

#### **Attachments:**

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

Attachment 2: 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 <sup>th</sup> 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 <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	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 Summary Field Execution Schedule

PFP Field Execution Schedule					Data Date: 14-Jul-19 Project: RL-011 NM	
#	Activity ID	Description	Rem Dur	Start	Finish	Chg from Last Month
1	<b>Total</b>		101	06-Jun-19 A	15-Jan-20	4
2	<b>234-5Z Plutonium Finishing and Storage Facility</b>		57	06-Jun-19 A	22-Oct-19	4
3	234-5Z Lower Risk Demolition		57	06-Jun-19 A	22-Oct-19	4
4	234-5Z Installation of Exhauster for Higher Risk Demolition		21	01-Jul-19 A	19-Aug-19	7
5	234-5Z Lower Risk Demolition - Post Jobs/Lessons Learned		1	26-Aug-19	26-Aug-19	4
6	234-5Z Higher Risk Demolition		28	27-Aug-19	15-Oct-19	4
7	Remove Glovebox HA-46		1	10-Oct-19	10-Oct-19	4
8	234-5Z Higher Risk Demolition - Post Jobs/Lessons Learned		1	16-Oct-19	16-Oct-19	4
9	<b>Ancillary and Misc. Yard Removal</b>		4	23-Oct-19	29-Oct-19	4
10	Ancillary and Misc. Yard Removal		4	23-Oct-19	29-Oct-19	4
11	<b>236-Z Plutonium Reclamation Facility</b>		34	17-Oct-19	18-Dec-19	4
12	236-Z Canyon Demolition and Debris Loadout		33	17-Oct-19	17-Dec-19	4
13	236-Z Canyon Demolition and Debris Loadout - Post Jobs/Lessons Learned		1	18-Dec-19	18-Dec-19	4
14	<b>236-Z and 242-Z Slab Characterization</b>		14	18-Dec-19	15-Jan-20	4
15	Core Drill and Characterize 236-Z and 242-Z Slabs		14	18-Dec-19	15-Jan-20	4

  

This is a deterministic schedule with the following assumptions:

- No significant impacts from lost work days due to one or more of the following:
  - 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**  
**MO287, CR A111**  
**July 23, 2019**  
**ATTENDANCE LIST**

Name	Organization	Phone Number
1. Bill Cox	PFP CHPRC	372-9345
2. Tom Teyner	DOE-RL	376-6363
3. Jason Casper	CHPRC - PFP	208-346-0420
4. MARK HUGHES	CHPRC PFP	509 438 9404
5. Crystal Mathew	WDOH	509 578 0843
6. Theresa Howell	Ecology	509 372 7955
7. Brigitte Weese	Ecology	509 372 7936
8. Jim McAuley	On phone EPA	
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		
21.		
22.		
23.		
24.		
25.		