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Meeting Minutes  
Plutonium Finishing Plant (PFP)  
Project Managers Meeting  
825 Jadwin/677  
March 9 2017

*Glenn R. Kosch*

Date: 5/25/17

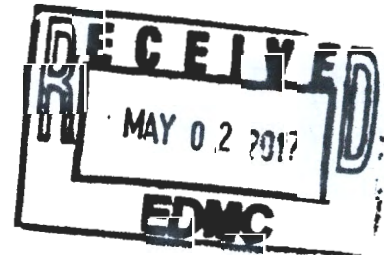
Project Manager Representative, DOE-RL

*Stephanie Ashby*

Date: 4/25/17

Project Manager Representative, Ecology

Administrative Record	H6-08
JB Borghese, CHPRC	H8-43
TE Bratvold, CHPRC	T5-60
BJ Dixon, CHPRC	T5-60
GR Konzek, RL	A6-38
E Laija, EPA	A3-46
SN Schleif, Ecology	H0-57
TK Teynor, RL	A6-38
KA Wooley, CHPRC	T5-60



Administrative Topics

Minutes from the February 1, Project Managers Meeting were approved and will be placed in the Administrative Record.

Action Status

Action	Actionee	Status
Share asbestos thorough inspection results when completed.	RL	Ongoing. Asbestos inspection, sampling, and removal activities are continuing in 234-5Z and 291Z.
Track TPA change notice for the RAWP addendum for the temporary exhausters to closure.	RL	A meeting to discuss comments on the draft change notice was held on February 15, 2017. The Review and Comment Record and draft change notice are being revised in accordance with the discussion at the meeting.
Track TPA change notice for adding the North Outside Storage Area adjacent to CWC to the onsite area for storage of PFP CERCLA waste.	RL	Ecology provided comments on RL's proposed response to the Ecology Review and Comment Record on February 3. After a follow-on discussion, the Parties agreed to elevate key issues for resolution.
Inform Ecology when the rubble pile associated with the CAM alarm event has been moved and of the results of characterization of the rubble pile, including whether a source of the contamination was identified.	RL	Complete. The information was provided to Ecology via email on March 8, 2017. Some of the rubble pile was packaged into 1800TL containers for disposal at ERDF. The remainder was placed in ERDF cans with the final portion loaded on March 8, 2017. All waste met ERDF acceptance criteria and no anomalous objects or other source of contamination was identified.
Evaluate options for providing information to WDOH about results from the demolition monitoring network	RL	This action remains open.
Provide Ecology with a PFP schedule with additional detail on key activities.	RL	Complete. The schedule was emailed to Ecology on February 2, 2017.
Email a copy of the CAM Alarm Critique presentation with a footnote regarding the nature and time of the data provided.	RL	Complete. The presentation was emailed to Ecology on February 2, 2017. Note: A follow-up briefing to Ecology and WDOH was provided on February 15, 2017.

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 (On Schedule)*

The milestone remains on schedule. Mr. Konzek discussed recent impacts to the schedule caused by ongoing weather conditions that resulted in additional site closures and shortened work days. The contamination event at the end of January 2017, and other challenges have also caused schedule slippage. While the current summary field execution schedule identifies completion of slab-on-grade by the end of August 2017, there is little float remaining. Mr. Konzek noted the summary field execution schedule



handed out at the meeting is a deterministic type of schedule and does not account for possible risk events that still may occur. RL will be closely monitoring project progress and should be able to determine in April 2017 if the milestone status will continue to be reported as 'on schedule' or will be reported as 'at risk'. Ms. Schleif asked when a change package for the milestone would be submitted if RL determined that the date would be missed. Mr. Konzek responded that a decision had not been made but would be within the time frames prescribed by the TPA.

#### Project Progress, Issues, Concerns, and Challenges (Glenn Konzek, RL; Kelly Wooley, CHPRC)

Mr. Wooley discussed measures being taken to recover from schedule delays. The demolition of the main exhaust stack has been re-sequenced to be performed prior to demolition of 234-5Z. This will allow more work to be done in parallel and is expected to result in a schedule gain. Similarly, demolition of 291-Z will start during demolition of 234-5Z. In addition, work schedules for demolition are being planned to provide for two shifts per day plus a third shift to perform paperwork and other activities to keep demolition crews focused on demolition. Other actions include the following:

- Additional insulators have been hired to support the extensive asbestos abatement and additional Radiological Control Technicians have been hired to support work crews preparing facilities for demolition.
- Electrical isolation of 234-5Z was achieved on March 5, 2017 which will enable easier removal of walls and ceilings to gain access to asbestos and to remove gloveboxes. Electricians will complete the process of verifying that there are no energized lines next week. This will provide safer conditions for employees in addition to expediting asbestos abatement and other pre-demolition actions. The 234-5Z facility is now on temporary power. Ventilation exhaust fans within 291-Z are powered by a separate electrical source but the supply fans are no longer powered and only two exhaust fans are being used.

#### 236-Z

Recovery actions from the Continuous Air Monitor (CAM) Alarm Incident, coupled with suitable weather conditions allowed demolition to re-start on March 8, 2017. Disposition of the rubble pile included a gamma scan of the pile and surface scans with long reach tools. There were a few elevated readings (150K dpm/100 cm<sup>2</sup>). The portions of the rubble pile with higher readings were placed in 1800TL (IP2) containers and the remainder was loaded into ERDF cans. Each loader bucket of debris was surveyed prior to placing waste into containers and the empty bucket was surveyed after dumping. The waste was sufficiently characterized for disposal and met all ERDF waste acceptance criteria. The specific source of the contamination event was not discovered through this process but the project did flag some process lines hanging off the west side of the building that will be handled separately and placed in hard cover containers. The gloveboxes stored within 1800TL containers near the demolition zone were externally contaminated from the event and will be repackaged into clean containers to allow them to be shipped to Permafix Northwest for size reduction and packaging for shipment to WIPP. The contamination on the used containers has been fixed and the containers will be used for shipment of other waste to ERDF.

#### 234-5Z

Work at 234-5Z is focusing on actions that will address safeguards and criticality issues and remove air emission sources identified in the Air Dispersion model. Characterization has progressed to the point that piping can be color coded to identify sections that need to be removed before demolition, sections that can be removed during demolition and sections that can remain. A process to apply fixative to the interior of contaminated ducts through use of the ventilation system has been effective in locking down contamination. Filterboxes are being coated with fixative in the same manner.

All personnel and ongoing functions have been moved out of the facility. Mobile offices and a covered walkway will facilitate functions such as donning and doffing of PPE, mask issuance, etc. Mechanical



isolation of the facility will commence with shut down of steam in March. Weather conditions are anticipated to be suitable to avoid freeze protection and worker comfort concerns but heaters and other precautions such as closing ventilation dampers at night are in place should external temperatures drop below acceptable levels.

#### 291-Z

All high hold-up portions of the 26 inch vacuum line have been lowered to the floor and will be removed and packaged pending NDA results. Remaining lines will undergo NDA to confirm that remaining materials can be dispositioned as low level waste and that criticality incredible conditions have been achieved.

Most asbestos characterization and abatement work has been completed. Ms. Schleif asked about summary reports for 291-Z and 234-5Z and was told that the summaries should be available by the next PMM.

#### Ecology Topics (Stephanie Schleif, Ecology).

The overarching policy issues with TPA Change Notice for On-site Management of Waste at the North Outside Storage Area (NOSA) were discussed. Ms. Schleif asked for more information about RL's specific concerns and whether there was a written policy paper that RL would be discussing with Ecology and EPA. Mr. Konzek explained that RL senior management had been briefed and he was not sure when discussions with EPA and Ecology would take place and that the nature of the concerns are best identified in the most recent RCR and informal discussions that resulted in the elevation of the issue for resolution. Ms. Schleif provided her understanding that the issues were centered on Ecology's position that TRUM is required to be sent to an off-site TSD facility with an acceptability determination from EPA. Ms. Schleif also stated that any change in type or container of waste stored at the NOSA would require Ecology's signature as the RAWP is a primary document. Mr. Konzek noted that RL has concerns that this change notice could impact other Hanford cleanup projects. Ms. Laija (EPA) noted that precedents have been established over the past 20 years for using offsite determinations for remedial work and some removal (300 Area) work across Hanford. The Parties may be planning to discuss the issue on March 23, 2017 at the bi-weekly RL, EPA, and Ecology coordination meeting. Ms. Laija explained that Mr. Faulk will not be in town that day and asked that it be held at a time when RL, EPA, and Ecology can all be represented. Due to the uncertainty about timely resolution of this issue, Mr. Konzek reported that RL was proceeding with an alternate plan for storage of the waste at PFP. A new staging area for ERDF cans is being prepared outside the west fence at PFP. The area where the ERDF cans are currently being stored (north side of the PFP Complex within the existing fence) will then be used for storage of 1800TL containers. Ms. Schleif asked for a sketch showing the proposed storage location.

#### Meeting Summary

- There were no approved changes signed off in accordance with section 12.2 of the TPA action plan.
- New Actions:
  1. RL – Send an electronic version of the project schedule that was handed out in the PMM to Ecology.
  2. RL – Provide Ecology with a sketch of the Proposed 1800TL storage location.
  3. RL – Confirm participation of all parties for discussion of the policy issues related to the change notice to make the North Outside Storage Area on-site for the PFP removal action.

Next Meeting Date and Location: April 25, 2017, at 9:30 a.m. at PFP.

PFP Project Managers Meeting  
825 Jadwin/677

March 9, 2017  
ATTENDANCE LIST

Name	Organization	Phone Number
1. Brian J Dixon	CHPRC	376-7053
2. Bill Cox	CHPRC	372-9345
3. Mariana Oswalt-Spy	CHPRC	873-4422
4. Kelly Wooley	CHPRC	308-9861
5. Glenn R. Konzek	DOE-RL	376-8399
6. Allison Wright	DOE-RL/ESQ	373-7303
7. Emy Laija	EPA	376-4919
8. Stephanie Schleit	Ecology	372-7929
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