

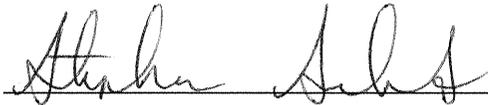
**Meeting Minutes  
Plutonium Finishing Plant (PFP)  
Project Managers Meeting  
825 Jadwin/641  
May 26, 2016**

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Date: 7/14/16

**Project Manager Representative, DOE-RL**



Date: 7/14/16

**Project Manager Representative, Ecology**

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

The Minutes from the April 28, 2016 meeting were approved and will be placed in the Administrative Record.

Action Status

Action	Actionee	Status
Track progress in development of a Sampling and Analysis Plan (SAP) for removal of the 236-Z and 242-Z building slabs by providing a status update during PFP Project Manager Meetings. A briefing to Ecology will be provided prior to their review of the document.	RL	DOE-RL comments on the draft SAP have been incorporated and a second review by RL is underway. The SAP progress will remain a standing agenda topic for the PMM until the SAP is approved.
Provide a briefing on the Demolition Readiness Assessment.	RL	The briefing was provided at the May PMM. A copy of the briefing summary is attached to these minutes.
Share results on the J Pan waste analysis.	RL	Dr. Fauske has concluded that the reaction has run its course and the J Pan drums can be safely sealed up. His conclusions and recommendations have been provided to Dr. Barney, Mr. Marusich, and the WIPP site for review and comment. Visual inspection of J Pan and other canyon waste drums are consistent with the Dr. Fauske's conclusions.
Share asbestos thorough inspection results when completed.	RL	Summaries of the 242Z, 242ZA, 2727Z, 2729Z, and 225WC asbestos reports were provided. The request to EPA to allow Category 1 or Category 2 asbestos in place at 236Z, 242Z, and 242ZA was made per the RAWP. Ecology was copied on the request.
Develop a chart showing priorities and schedule for Ecology review of environmental documents.	RL	Complete. A table showing documents currently identified was provided at the April meeting.
Set up a working session for resolving Ecology comments to the S&M Plan.	RL	Complete.
Set up a working session the week of May 9 for developing a TPA Change Package for Milestone M-083-00A.	RL	Complete.

PFP Milestone Status (RL/CHPRC).

- M-083-24-T01, *Submit Revision 0 of the PFP Complex Surveillance and Maintenance (S&M) Plan to Ecology.* 06/30/2016 (On Schedule)

Ecology provided comments on the S&M plan and a working session to resolve comments was held on May 17, 2016. Most comments were resolved and a path for resolution of the remaining comments was established. Submittal of revision 0 of the S&M plan remains on schedule for the target date of June 30, 2016.

- 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. 9/30/2016 (To Be Missed)*

RL has developed a draft TPA change package proposing a one year extension to the milestone completion date. The change package is undergoing internal review and a draft was sent to Ecology on May 26, 2016.

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

Significant progress continues to be made to prepare for demolition of the major buildings at PFP. The updated deterministic field execution schedule will be provided to Ecology. As noted in the April project managers meeting, the pressure washing of the 236Z canyon was effective in reducing contamination levels and removal of three pencil tank strongbacks was initiated to gather information to support termination of nuclear material safeguards and the air dispersion model assumptions. The first strongback was successfully removed in April but during removal of the second strongback, the crane cable slipped out of the sheaves. The repair and inspection of the crane took three weeks to resolve but the crane was returned to service and all three strongbacks have been removed. The information obtained from visual inspections of the keyholes and other surfaces not previously accessible is favorable for termination of safeguards and assumptions made in developing the air dispersion model. Checking of canyon surfaces using a gamma camera will be performed to identify hot spots where more aggressive contamination removal measures may be needed. The Gallery gloveboxes are being cleaned with Radiac decontamination wash in preparation for application of fixative.

Asbestos characterization and removal activities are continuing with the primary focus on 234-5Z. The thorough inspection report for 234-5Z will not be issued for a few months and the removal of asbestos is expected to continue through the fall. Asbestos characterization at 291-Z is planned to begin as soon as 234-5Z is complete with removal of friable asbestos scheduled to begin in December.

At 234-5Z, schedule was gained in removal of the 26 inch vacuum line in the duct level. In preparation for use of the recently installed 'barn' door for removal of larger items from the duct level, a mockup was attempted. It was determined that the crane to be used to handle the materials being removed would breach the ten foot limited access boundary of an electrical substation. Another mockup is scheduled for the first week of June to include the added controls required by this condition. Ecology inquired about the crystalline material found in the E4 duct. Mr. Wooley reported that NDA values indicates that the material has very low transuranic content. Laboratory analysis for chemical content is expected to be available by June 9, 2016. The HC-4 and HC-6 gloveboxes have been removed and packaged for a June 2, 2016, shipment to Permafix Northwest for size reduction.

An evaluation of the level B suits used in highly contaminated areas was conducted in response to incidents involving leaks. The incidents included a seam failure in the foot of the suit and damage to fabric due to rubbing against the rear one-way valve. Compensatory measures have been implemented in response to the evaluation.

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

Ms. Schleif (Ecology) noted that she will coordinate regulatory agency comments on the draft change package for M-083-00A and provide a consolidated set of comments by the end of the first week of June. Ecology expressed concern with the proposed 12-month extension to the completion date since previous information provided by RL noted that realization of identified risks could adversely impact the probability of success and more time than 12-months could be required. Ecology's primary interest is

establishing a date for slab on grade that DOE has confidence in achieving. Ecology does not want to go through another milestone extension.

Ecology will consult with WDOH and EPA in regards to remaining comments on the S&M plan. No issues that would delay preparation of revision 0 to the plan are expected.

Meeting Summary

- There were no approved changes signed off in accordance with section 12.2 of the TPA action plan.
- New Action: Provide an updated copy of the deterministic field execution schedule.

Next Meeting Date and Location

- The next PMM is scheduled for July 14, 2016 at 3:30 p.m. in the Federal Building.

## PFP Readiness Assessment

Briefing Provided at PFP Project Managers Meeting - May 26, 2016

### DOE's Readiness Assessment Process

- 236Z, 242Z, 234-5Z, 291Z and the 291Z emissions stack are classified by DOE as Hazard Category 2 non-reactor nuclear facilities.
- Demolition is considered the startup of a new nuclear activity
- The focus will be on 236Z because demolition will start there

### Purpose and Objective

- The assessment will confirm that facilities, equipment, personnel documents and work packages are prepared for the safe startup and continuation of demolition activities including
  - Nuclear Safety Basis
  - Training and qualification of personnel
  - Work control documents and associated job hazard analysis
  - Required equipment
  - Personnel knowledgeable of demolition methods and requirements
  - Environmental requirements

### Core Requirements to be Addressed

- Personnel possess the experience, knowledge, skills and abilities
- Level of knowledge for management and support personnel
- Commitment to safety and compliance
- Nuclear safety documentation
- Facility documentation (demo plan, ready for demo checklist, etc.)
- Procedures (work packages, HASP, IH assessment, radiological monitoring, air dispersion model, characterization report, waste management)
- Emergency preparedness measures and effectiveness
- Conduct of operations
- Feedback and improvement

### Readiness Assessment Process

- PFP will develop affidavits to demonstrate how the core requirements have been met (16 affidavits have been developed and will be signed by senior management at PFP) (Example - draft environmental compliance affidavit)
- An independent team of about 12 people will conduct the assessment
- RL will provide oversight, and representatives of the Defense Board are expected to participate
- Current schedule calls for the assessment to begin in mid-July and take about 3 weeks to complete
- The CHPRC President and CEO (John Ciucci) is the Startup Authorization Authority. He will evaluate the results of the assessment and other factors to determine if the demolition activity is ready to begin. Demolition of nuclear facilities will not commence until the Startup Authorization Authority explicitly authorizes it

Summary – The readiness assessment is intended to assure ourselves and others that we are ready to demolish the PFP nuclear facilities safely and compliantly.

PFP Project Managers Meeting  
825 Jadwin/641

May 26, 2016  
ATTENDANCE LIST

Name	Organization	Phone Number
1. Glenn R. Konzer	DOE-RL	376-8399
2. Allison K. Wright	DOE-RL	531-2485
3. Tom TEYNOR	DOE-RL	376-6363
4. Stephanie Schleif	ECY	372-7929
5. Bill COX	CHPRC	372-9345
6. Kelly Woolley	CHPRC	308-9861
7. Brian Dixon	CHPRC	376-7053
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