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Meeting Minutes Transmittal

WASTE ENCAPSULATION AND STORAGE FACILITY (WESF)
PROJECT MANAGERS MEETING
825 Jadwin / Room 641/700 Area
Richland, Washington
April 27, 2017

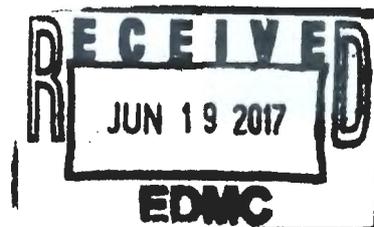
The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.


Project Manager Representative, Ecology Date: 6/7/2017


Project Manager Representative, RL Date: June 6, 2017

Administrative Record

H6-08



**WASTE ENCAPSULATION AND STORAGE FACILITY (WESF)
PROJECT MANAGERS MEETING MINUTES
825 Jadwin / Room 641/700 Area
Richland, Washington**

April 27, 2017

I. The December 8, 2016 and the February 23, 2017 project managers meeting (PMM) minutes were approved and submitted to the Administrative Record (AR).

II. Operational Status

A. Facility Operations - Dave Watson (CHPRC) stated that a temporary roll-up door is being installed this week on the outside exterior of the permanent roll-up door. The temporary roll-up door allows removal of equipment and waste transfers out of the truck port to be expedited, and the removal of equipment is under way. Mr. Watson stated that the permanent roll-up door is damaged and repairs will be done to the drive mechanism. Mr. Watson noted that the temporary roll-up door will eventually be removed and the permanent door will be used to facilitate capsule removal.

Mr. Watson reported that the level in tank 100 is slowly rising. The tank receives condensate from the seal pots on the K-300 ventilation skid, and the tank was drained about five years ago. A water removal campaign will be done later this year, and the water will be sent to LERF/ETF. Stephanie Schleif (Ecology) inquired about the type of water that drains into tank 100. Mr. Watson responded that it would be considered low-level waste. Stephanie Johansen (CHPRC) added that because of where the water is coming from, it can't be released and has to be sent to LERF/ETF.

RCRA Closure Operations – Stabilization of Hot Cells - Mr. Watson noted that grouting of hot cells A through F, including the ventilation trench and hot pipe trench underneath the cells, was completed on April 10, 2017. Mr. Watson stated that submittal of the status report for the grouting and stabilization activities is due to Ecology within a one month time clock. Mr. Watson explained that there is a 28-day cure period for the grout following the last grout pour on April 10, and then a compression test will be done on the grout. When the final report is received from the lab on the strength of the grout about two weeks later, the one month clock will start for issuing the report to Ecology. Ms. Johansen noted that if the grout does not cure properly or meet the strength requirements, it will take longer than anticipated to verify the grout and submit the report to Ecology. Mr. Watson stated that the strength requirement for the grout is above 1,500 psi, and there is high confidence that the grout will pass the strength requirement. Mr. Watson noted that earlier grout cores have come in at 5,000 psi. *Ms. Schleif requested an action that RL/CHPRC will notify Ecology when the one month clock is starting.*

Al Farabee (RL) noted the success with the roentgen equivalent man (REM) minimization during the hot cell stabilization project, and the REM was far less than the original estimate. Mr. Watson added that several mockups were done in an effort to minimize the REM. Ms. Schleif stated that overall, the entire project was a success.

Project W-135 – Mr. Watson reported that the conceptual design for the cask storage system, including the cask storage area and modifications in WESF to remove the capsules, is in progress. Mr. Watson stated that an initial conceptual design review meeting is scheduled with the design contractor in mid-May 2017. Mr. Watson noted that there have been some constructive advance meetings with the design contractor in terms of facility interfaces. Ms.

Schleif asked if the capsules will be transferred to hot cell G and placed in casks and then the capsules will be removed through the canyon and out of the truck port. Mr. Watson responded that the pathway Ms. Schleif outlined was correct, but the capsules will be placed in the cask in the truck port. Julie Reddick (RL) added that there will be a shielded dry transfer system so the capsules can be transferred out of G cell in a shielded mode and then inserted down into the cask.

Ms. Johansen noted that a briefing has been prepared for the Department of Health (DOH) regarding project W-135 next month, and she offered to provide the same briefing to Ecology. Ms. Schleif responded that a briefing would be helpful, and reiterated the request for a discussion regarding the schedule for project W-135. Ms. Schleif stated that during the meeting with RL/CHPRC where project W-135 schedule was discussed, the time line for SEPA and NEPA was not discussed, and that needs to be added to the schedule. Ms. Schleif stated that the SEPA and NEPA information is needed because a supplement to the EIS will likely be in terms of the new storage area.

Ms. Reddick stated her understanding, from internal discussions regarding SEPA and NEPA, that there may be enough information in the EIS that an amended record of decision (ROD) may not be needed. Ms. Reddick noted that a decision had not been made. Ms. Reddick added that there are opinions about whether there are differences between SEPA activities and the SEPA checklist, and that SEPA checklist discussions are needed with Ecology since it is a participating agency in the EIS. Ms. Johansen noted that there had been a conversation between ORP and Ecology about the issue and the EIS providing coverage. Ms. Schleif stated that she would follow up internally regarding SEPA and the EIS.

Ms. Schleif stated that after the Ecology and RL/CHPRC discuss SEPA and the EIS internally, a meeting should be set up in a month for a follow-up discussion. Ms. Schleif noted that for the purpose of the schedule, the intent is to get the appropriate milestones in place and to ensure all of the activities are aligned. Ms. Schleif stated that the SEPA checklist is needed when RL/CHPRC submit the permit modification for review, and a SEPA determination needs to be issued with the permit when it goes out for public comment.

Ms. Johansen stated that there are two actions to schedule meetings: 1) *RL/CHPRC to provide Ecology the conceptual plan for moving the capsules from the pools to the capsule interim storage facility*; 2) *Ecology and RL/CHPRC will follow up internally regarding the SEPA checklist and the EIS, and meet to discuss their respective follow-ups.*

Permitting Activities – Mr. Watson stated that the Class 1' permit modification for changing the core drilling locations in the canyon was submitted to Ecology earlier this week. Ms. Schleif acknowledged receipt of the Class 1' permit modification, and that RL/CHPRC have met the April 28, 2017 submittal date. Ms. Schleif noted that the Class 1' also included the updated schedule for the expected duration of core drilling.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements and commitments to discuss.

IV. New Agreements and Commitments

A. There were no new agreements and commitments established.

V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)

A. WESF Closure Plan

Ms. Johansen stated that the permit modification request to the WESF closure plan was submitted to Ecology.

B. HF RCRA Permit Rev. 9 Update

Ms. Johansen stated that there are a few more updates that will be made to the Part A. Ms. Johansen noted when all the waste from project W-130 has been moved out, the photos can be taken.

C. Milestone M-092-05

Ms. Reddick reported that CHPRC submitted a draft change package yesterday that addresses M-092-05's parent milestone and proposed milestones. A draft copy of the transmittal letter was also provided. Ms. Reddick stated that she would review the change package today and then send it to Ms. Schleif later today. Ms. Reddick stated that the change package proposes a new milestone for a periodic review of capsule disposition until the final decision has been made for the capsule disposition. A second proposed milestone is to set a due date for moving the capsules to dry storage.

VI. Approved Changes Signed Off in Accordance with TPA Section 12.2

A. There were no approved changes to discuss.

VII. General Discussion

A. There were no topics identified for general discussion.

VIII. Actions

Unit	Description of Action	Status	Date
Permitting	RL/CHPRC to provide Ecology the capsule extended storage permitting schedule	Open	10/27/16
	Ms. Johansen will schedule a meeting with Ecology to discuss the capsule extended storage permitting schedule	Open	12/8/16
	RL/CHPRC provided Ecology dates for a meeting. Ms. Schleif will follow up later today to schedule a meeting. Ms. Schleif requested including the schedule as part of the minutes.	Open	2/23/17
	Ms. Schleif stated that a meeting was held, and this action could be closed. A new action will be set up to discuss moving the capsules.	Closed	4/27/17
M-092-05	Ms. Reddick to follow up on discussions during meeting with Ecology regarding M-092-05	Open	2/23/17
	Ms. Reddick will review and then transmit the change package for the proposed milestones to Ms. Schleif.	Open	4/27/17
Hot Cells	RL/CHPRC will notify Ecology when the one month clock starts for submittal of the report on meeting the	New	4/27/17

Unit	Description of Action	Status	Date
	grout strength requirements		
Project W-135	RL/CHPRC to provide Ecology the conceptual plan for moving the capsules from the pool cells to the capsule interim storage facility	New	4/27/17
Project W-135	Ecology and RL/CHPRC will follow up internally regarding the SEPA checklist and the EIS, and meet to discuss respective follow-ups	New	4/27/17

- IX. Documents for Submittal to the Administrative Record
 - A. There were no documents identified for submittal to the AR.
- X. Next Project Managers Meeting
 - A. The next PMM was scheduled for June 22, 2017.

FACILITY OPERATIONS

- Routine inspections and surveillances continue.
- A temporary roll up door to the Truck Port is being installed so repairs can be made to the roll up door that is currently in place. This will facilitate cleanup of the canyon and the removal of waste via the Truck Port.
- Tank 100 water level is raising slowly. As draining water from the tank is not conducted frequently, procedures and systems are being assessed for a water removal campaign. Water is trucked to LERF/ETF.

RCRA CLOSURE OPERATIONS –STABILIZATION OF HOT CELLS

- Grouting the interior of Hot Cells A – F has been completed including the Hot Pipe Trench and Ventilation Trench beneath the Hot Cells.
- WESF Hot Cell A – F stabilization activities also include strength testing of the grout which require 28 days for a full cure. The test results will be provided from the contractor up to 2 weeks after the last test. The 30-day clock for the status report identified in the closure plan will begin once the subcontractor grout strength results have been received. The report will include a summary of the stabilization activities and the minor deviations that occurred
- Cleanup of Canyon, Service Gallery, Truck Port, and other areas is underway to remove debris left over from grouting the Hot Cells.
- Waste generated from cleanup of the facility is periodically being sent to ERDF for disposal.

MANAGEMENT OF CESIUM AND STRONTIUM CAPSULES (PROJECT W-135)

- Conceptual design for the Cask Storage System (CSS) which includes the storage and transfer systems and associated equipment necessary to support the retrieval, packaging, and transfer of the capsules to extended storage, i.e. Capsule Storage Area (CSA) is in progress. Conceptual design for the CSA is also in progress.
- Conceptual design for modifications to WESF to support the removal and packaging of capsules is also in progress.
- Meetings with the design contractor have been held to facilitate early feedback and communication prior to completing conceptual design.

PERMITTING ACTIVITIES

- Work continues on drafting RCRA permitting documentation associated with Project W135.
- A Class 1 prime RCRA permit modification depicting changes in Canyon core drill locations was transmitted to Ecology for approval.

Waste Encapsulation and Storage Facility Project Managers Meeting (WESF)

825 Jadwin / Room 641

Richland, Washington

April 27, 2017

ATTENDANCE LIST

Name	Organization	Phone Number
1. Sandy Shore	CHPRC	373-9709
2. Stephanie Johnson	CHPRC	373-1031
3. Kathy Knox	court reporter	946-5535
4. JULIE REDDICK	DOE/RL	376-2003
5. David Watson	CHPRC	373-3250
6. Scott Davis	NSA - TPA	376-8757
7. Al Farabee	DOE	376-8089
8. Liliana Bander	Ecology	372-7951
9. Stephanie Schlef	Ecology	372-7929
10. Sasa Kosjerina	CHPRC	376-9622
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