

Lifecycle Report Project Managers Meeting
January 14, 2021
MS Teams Meeting
Meeting Minutes

Distribution

Greg Jones	DOE-RL	H5-20
Shannon Ortiz	DOE-RL	H5-20
Kaylin Burnett	DOE-ORP	H6-60
Anne Knapp	Ecology	H0-57
Craig Cameron	EPA	A3-46
Brian Esparza	MSA - Integration	H1-27
S. Seiler	MSA - Integration	H1-27
S. Brasher	MSA - TPA	A3-01
S. Davis	MSA - TPA	A3-01
	ADMINISTRATIVE RECORD	H6-08

Please send comments on Meeting Minutes to Shannon Ortiz (shannon.ortiz@rl.doe.gov) and Scott Seiler (Scott_W_Seiler@rl.gov)

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The undersigned indicate, by signature, these meeting minutes accurately reflect the occurrences of the January 14, 2021 Lifecycle Report Project Manager Meeting.

Shannon M. Ortiz Digitally signed by Shannon M. Ortiz
Date: 2021.02.08 10:41:13 -08'00'

Shannon Ortiz, Project Manager
U.S. Department of Energy, Richland Operations Office

Date

Knapp, Anne (ECY) Digitally signed by Knapp, Anne (ECY)
Date: 2021.02.08 10:48:12 -08'00'

Anne Knapp, Project Manager
Washington State Department of Ecology

Date

CRAIG CAMERON Digitally signed by CRAIG CAMERON
Date: 2021.02.08 11:00:44 -08'00'

Craig Cameron, Project Manager
U.S. Environmental Protection Agency

Date

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1.0 Administrative Items

Shannon Ortiz led the Teams meeting invitees through introductions, as the last scheduled Lifecycle Report Project Managers Meeting (PMM) for March 2020 was canceled due to COVID-19 and there had been some turnover since previously completed PMM in September 2019.

The Agenda for this PMM was confirmed.

The list of attendees for this meeting is provided in Attachment A. Action Items identified during this meeting are documented in Attachment B. Any items from this meeting that belong in the Administrative Record are documented in Attachment C.

Approval of Previous Meeting Minutes:

Meeting Minutes from the September 10, 2019 PMM were signed by the M-036-01 Project Managers; Shannon Ortiz of DOE-RL, Anne Knapp of Ecology, and Craig Cameron of EPA and have been placed in the Administrative Record.

Upcoming Meetings:

The next Quarterly TPA Review Meeting is scheduled for March 18, 2021. As discussed during the meeting, it is planned that a Hanford Federal Facilities and Consent Order IAMIT Milestone Review Form (*For Milestones Without Issues or Significant Activity*) will be submitted for Milestone M-036-01J for the meeting with no presentation. The Project Managers also agreed that the next Lifecycle Report PMM will be schedule for late February or early March ahead of the upcoming Quarterly Review Meeting to finalize determination of submittal for that meeting. **(Action: Work with Project Managers to Schedule Next LCR PMM – Scott Seiler).**

While the frequency for LCR PMM is anticipated to be solidified during each meeting, it is expected that at least quarterly a meeting will be scheduled in alignment with Quarterly TPA Review Meeting scheduled dates.

Attachments:

A – List of Attendees

B – Action Tracking List

C – Administrative Record Items

2.0 Tank Waste Processing System Plan - Rev 9 Debrief

Kaylin Burnett provided status on Revision 9 of the River Protection Project System Plan. The modeling of the selected scenarios was completed back in May 2020 with the final deliverable report being submitted to Ecology on November 13th, 2020 following a brief extension requested by DOE to conduct a Headquarters review. A total of 5 scenarios were completed, including several sensitivities, primarily generated at the request of Washington State Department of Ecology as the only DOE scenario was that presented in the Baseline Case. Kaylin briefly provided a series of modifications that had been made

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since the release of System Plan, Rev. 8 focused on aligning the technical assumptions with historic and operational execution. These included:

- Modeling of a Tank Side Cesium Removal (TSCR) system for pretreatment of tank waste supporting the Direct-Feed Low-Activity Waste program as opposed to the Low-Activity Waste Pretreatment System (LAWPS). The TSCR operates for 5 years and then a capacity equivalent to the LAWPS is used for the remainder of the DFLAW operational period.
- The number of 242-A Evaporator campaigns completed per year was limited to six (6) based on permitted discharge limits at the Treated Effluent Disposal Facility.
- The number of simultaneous retrievals that may be performed with 200 East and/or 200 West was limited to one (1) single-shell tank and one (1) double-shell tanks per area (this would result in not more than four (4) total retrievals occurring at any given time.

For a complete listing of all changes, please refer to Table ES-2 on page xviii of ORP-11242, Rev. 9, "River Protection Project System Plan." Additionally, the operating cost for WTP has been updated based on a new Independent Government Cost Estimate resulting in a significantly lower annualized cost. However, the mission duration was extended by approximately 3 years utilizing the new technical assumptions and therefore the total lifecycle cost remains relatively unchanged (\$110B for System Plan, Rev. 8 versus \$107B for System Plan, Rev. 9). **(Action: Ensure Appropriate Reference to System Plan, Rev. 9 Changes are Captured in TPA Quarterly Milestone Status Review Form – Brian Esparza).**

3.0 Baseline Status for Lifecycle Report

Shannon Ortiz led discussion regarding Project Baseline Structure (PBS) changes that will be incorporated into the upcoming revision of the Hanford Lifecycle Scope, Schedule and Cost Report (LCR). The scope for completion of demolition at the Plutonium Finishing Plant (PFP) contained within PBS RL-0011 (Nuclear Material Stabilization and Disposition – PFP) is expected to be completed this fiscal year (FY2021) and therefore would no longer be presented in the LCR. Additionally, the scope for removal of K Basin sludge contained within PBS RL-0012 (Spent Nuclear Fuel Stabilization and Disposition) has already been completed with no further scope being presented for this PBS in the coming report. The identification of PBS ORP-0070 (Waste Treatment Plant Operations) while presented in the last report, may be separated to uniquely capture the cost profile for operating WTP outside of its previous inclusion within PBS ORP-0014 (Radioactive Liquid Tank Waste Stabilization and Disposition).

The scope associated with Sitewide Services will continue to be housed in PBS RL-0201 and includes all cost captured from other PBS elements to enable these services. The Final Reactor Disposition scope will continue to be separately identified, as this scope is not currently within the Environmental Management baseline, but the scope is assumed required within the Hanford lifecycle. There is a significant amount of scope that is currently being negotiated through the Agreement In Principle, resulting from the RASCAL team recommendations, that has the potential to change how some scope will be captured in the upcoming report including new operable unit 200-IA-1 and separate identification of 200-BC-1.

Craig Cameron asked if the non-defense funding and scope for FFTF is included. Shannon Ortiz explained that the cost and scope for this PBS RL-0042 is included in the DOE lifecycle baseline, the only difference is funding source which is an element of the budget formulation process.

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Shannon Ortiz also led discussion regarding potential schedule integration issues as the Tank Waste contractor Washington River Protection Solutions, who manages the ORP lifecycle baseline, schedule for updating in alignment to System Plan Rev. 9 results, is currently not anticipated for completion until late this fiscal year (September 2021). With the desire for completion of a draft LCR available for review in late August 2021, DOE is exploring options for accelerating the contractors scheduled update, or reducing the anticipated review cycles (which may include performing a single review as opposed to multiple reviews as in years past). Establishing the LCR planning basis, in light of this potential schedule issue, will be further discussed at the next LCR PMM.

With no further questions or comments, the meeting was adjourned.

4.0 Upcoming Meetings and Events

LCR PMM (late February/early March) – to be scheduled in coordination with Project Manager’s availability to precede the upcoming Quarterly TPA Review Meeting.

Quarterly TPA Review Meeting (March 18, 2021) – a Milestone Review Form will be submitted but no presentation anticipated.

LCR PMM (May / June) – to be scheduled following further discussion at next LCR PMM

Quarterly TPA Review Meeting (June 17, 2021) – a Milestone Review Form will be submitted but no presentation anticipated.

Draft LCR for review (August 2021) – draft report aligning ORP baseline to System Plan, Rev. 9 and RL baseline adjustments in concert with Environmental Liability

Completion of M-036-01J (January 31, 2022) – submittal of updated LCR

5.0 Action Tracking Items and Status

All prior Action Items are completed. New Actions identified in these meeting minutes will be incorporated for tracking purposes.

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Attachment A – List of Attendees

Shannon Ortiz	DOE-RL
Kaylin Burnett	DOE-ORP
Anne Knapp	Ecology
Craig Cameron	EPA
Stephanie Brasher	MSA - TPA
Scott Davis	MSA - TPA
Brian Esparza	MSA – Mission Integration
Scott Seiler	MSA – Mission Integration

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Attachment B – Action Tracking List

Action No.	Actionee	Description	Date Opened	Date Closed	Status Notes
2021-1	MSA-Seiler	Schedule next LCR PMM Mtg.	1-14-21	1-18-21	PMM scheduled for 02/25/2021 @ 1:30pm
2021-2	MSA-Esparza	Prepare TPA Quarterly Milestone Status Review Form	1-14-21		

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Attachment C – Administrative Record Items

The previous PMM Meeting Minutes for September 10, 2019 have already been entered into the Administrative Record. These meeting minutes will be entered into the Administrative Record upon review and approval by the Project Managers.