

Meeting Minutes Transmittal/Approval
100K Project Managers Meeting
October 8, 2009

APPROVAL: 
Tom Teynor, 100K Project Manager, DOE RL

Date: 10-08/2009

APPROVAL: 
Rod Lobos, 100K Project Manager, EPA

Date: 10/8/09

HFFACO Action Plan Section 4.1 states that agreements and commitments resulting from the Project Managers meetings will be prepared and signed by all parties. Approval of these minutes documents approval of agreements and commitments documented in Attachments 2 and 3 to these minutes. Approvals does not apply to any other attachments. Any other attachments are provided for information purposes.

RECEIVED
OCT 08 2009
EDMC

Minutes of the 100K Project Managers meeting of September 10, 2009 are attached. Minutes are comprised of the following.

Attachment 1

Attendance Record

Attachment 2

Milestone Status Report with Agreements,
Commitments and Actions Identified

Attachment 3

Change Request Status with approved changes
signed off at meeting

ATTACHMENT 2 100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

October 8, 2009

M-016-52 Initiate response actions for the remaining waste sites for the 100 K Area including closure of the 1706-KE waste treatment system in accordance with Section 5.5 of the Agreement Action Plan. **Due 7/31/09, DOE Lead Ellen Dagan**

- RL has formally transmitted the 1706 KE Closure/Post Closure report to Ecology, with all comments incorporated.

Schedule Status: Milestone is completed. Formal notice of completion has been sent to RL from CHPRC. (Reference May 6, 2009, 100K Area Project Managers Meeting minutes.)

Agreements, Commitments and Actions:

No comment.

M-016-160 Complete removal of the K East Basin structure. **Due 9/30/09, DOE Lead Ellen Dagan**

- Phase 4 lower sub-structure demolition complete.
- Closure report is being prepared.

Schedule Status: Milestone considered to have been completed on September 9, 2009.

Agreements, Commitments and Actions:

No comment.

M-016-57 Initiate soil remediation at K East basin. Initiate full scale remedial action of the 105-KE fuel storage basin site within one month of completing milestone M-016-160. **Due 10/31/09, Contractor Date 09/30/09, DOE Lead Ellen Dagan**

- Planning, USQ's of operating documents and requisite training was completed to initiate mobilization into the Basin.
- Obtained access to begin activities on on September 23, 2009. Down posted the airborne radiation area (ARA) and padding into to top section in support of fixative application and civil surveying.
- Applied a bonded fiber matrixed fixative to provide positive contamination control. Immediately following the fixative application, surveyors acquired topographic data of the FSB's floor and walls to establish a starting condition map.
- Approximately 5,500 tons of borrow materials were hauled and placed to provide a clean pad to work from and shield dose derived from inventory remaining in the floor and the diversion wall face.
- A physical barrier was installed that differentiates the remaining structure that contains enough radiological inventory to warrant Cat 3 designation from the remainder of the basin. Once the barrier was in place and validated by CHPRC Nuclear Safety, the Final Hazards Categorization was implemented.
- A Hazard Review Board (HRB) was held and corrective actions noted by the board were completed. Permission to initiate work was granted by the HRB chair on the afternoon of September 26. Windy conditions precluded actual start of work that afternoon.
- Two containers were loaded on September 27 thus meeting the TPA Milestone M-016-57 ahead of schedule.

Schedule Status: Completed.

Agreements, Commitments and Actions:

Milestone completed 9/27/09.

M-016-140 Submit revised RD/RA Work Plans for 100 K Area RODS as primary document(s) per HFFACO11.6 with new proposed milestones including for the following:

- Complete removal of the K West Basin
- Complete removal of all sludge (includes container, settler tank sludge) from K West Basin except knock out pot contents
- Complete removal of knock out pot contents
- Complete treatment and packaging of first container of TRU sludge waste certifiable for disposal at WIPP

- Complete treatment and packaging of sludge for disposal at WIPP
- Begin 105-KW reactor interim safe storage
- Complete 105-KW reactor interim safe storage
- Initiate soil remediation under KW Basin
- Complete all interim response actions at the 100K Area.

Due 3/31/11, DOE Lead Roger Quintero

- DOE has discussed the two phase approach for the disposition of K Basin sludge (Phase I – retrieval/removal/transfer to interim storage; Phase II – treatment and packaging for disposal) with EPA to determine if it represents a change and its significance with respect to the K Basin interim remedial action CERCLA ROD amendment. EPA has concluded it is minor change as planning for sludge treatment is an active and ongoing activity and revision to the remedial design and remedial action work plan should be made to describe what is being done. Section 5.1.5 of the ROD amendment states:

“The modified remedy requires the sludge to be treated, packaged for disposal, interim stored pending shipment, and shipped to a national repository for disposal. A portion of the sludge, anticipated to be a small amount if any, following treatment may qualify for disposal at ERDF.”

“All sludge will be removed and treated at 100 K area or another EPA-approved 200 Area facility..... The details of sludge treatment methodology and schedule will be contained in a modification of the RDR/RAWP for the K Basins. The sludge will be treated to prepare it for disposal at a national repository and to place it in a safer state for interim storage. Treated sludge is shipped to CWC and / or another facility for storage pending shipment to a national repository for disposal. Capacity for short-term, contingency storage of untreated but containerized sludge ('lag storage') may be made available on -Hanford at a 200 Area storage facility while awaiting transfer of sludge to a treatment facility.”

Preparation of the revision to the remedial design and remedial action work plan will start next spring for submittal to EPA in March 2011 per the milestone schedule above.

- Two sludge removal concepts were being developed:(a) direct loading into a Sludge Transfer Storage Container and use of existing transfer casks used for the Large Diameter Containers in the earlier KE sludge removal campaign, and (b) use of small containers that would be loaded under water and placed into the Fuel Transfer Cask that was used to transfer SNF from KE Basin to KW Basin). A value engineering session was held and concluded that direct loading of sludge in a sludge transfer and storage container was the preferred method.
- Preparations for a DOE Technology Readiness Assessment in early October on critical technology elements for Phase I, i.e. the removal of sludge have been completed.
- Alternative analysis decision planning for Phase II continued.
- Conceptual design for KOP sludge processing and removal continues.
- KOP Phase 4 inspections of the KOP sludge stream continued.
- Data from KOP Phase 3 inspections are being used in bonded water analyses that will be used to determine the number of MCOs needed for KOP sludge loadout.
- Procurement actions for purchasing additional MCOs is continuing.

- Analysis of sludge from Containers 220, 240, 250, and 260 at PNNL is in progress.
- A QAPjP/SAP for sampling and characterization settler tube sludge (to be transferred to Container 230) has been prepared and is ready for DOE-RL and EPA review and approval.
- An update to the QAPjP/SAP for sampling and characterization of engineered container sludge has been prepared and is ready for DOE-RL and EPA review and approval (TPA Change Notice).
- Activities to declare facility readiness for transfer sludge from the settler tubes to Container 230 are continuing. Testing continues at MASF in support of demonstrating systems and components for retrieving and removing sludge.
- Design of modifications to MASF to simulate the KW Basin pool for future testing have been completed and construction planning is in progress.
- A work plan to define the KW Basin end state configuration for commencement of KW Basin demolition has been prepared.

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

On schedule.

M-016-53 Complete the interim response actions for the 100 K Area within the perimeter boundary and to the river for Phase 1 actions. **Due 12/31/2012, DOE Lead Ellen Dagan**

- Began remedial action work on August 31, 2009.
- Continuing preparation of confirmatory sample instructions for the No Action sites.

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

CHPRC to provide EPA notice to DOE Groundwater staff if excavation approaches groundwater and could have potential impacts.

DOE and CHPRC to provide integrated 100K schedule to EPA by 10/31/09.

M-016-155 DOE will submit revised RD/RA work plans for 100 Area interim remedial actions in accordance with the ROD resulting from Milestone M-016-150. **Due 06/30/2010, DOE Lead Ellen Dagan**

- Waiting for comments from regulators on FFS/PP

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

Actions:

- EPA to provide comments specifically for 100K.
- Workshop to be conducted in the future between RL, EPA, and contractor (CHPRC) to finalize path forward. To be arranged by RL.
- RL, Ecology, and EPA managers to meet to narrow scope of milestone to just 100K.
- Initiate discussions at next IAMIT meeting on 10/15/09.

M-093-22 Complete 105KE Reactor interim safe storage in accordance with remedial design/remedial action work plan. **Due 07/31/2014, DOE Lead Ellen Dagan**

- Contractor re-evaluating technical and contractual approach.
- Contractor established a dedicated project team to direct core removal.
- A regulatory strategy has been developed and a schedule is being prepared.
- Facility hazard analysis has been prepared for sampling and obstruction removal.
- No decision made by RL to proceed with core removal.

Schedule Status: On Schedule.

Agreements, Commitments and Actions:

CHPRC to provide draft AMP and WCP for core sampling and characterization to RL for informal comment. RL to provide to EPA for informal comment.

**ATTACHMENT 3
100K AREA PROJECT MANAGERS' MEETING
CHANGE REQUEST STATUS**

October 8, 2009

No change requests are pending at this time.

DISTRIBUTION
100K PROJECT MANAGERS' MEETING MINUTES,
October 8, 2009

DOE/RL

(No hard copy distribution)

EPA

Rod Lobos

B1-46

CHPRC

Reed Kaldor (original)

X4-01

Administrative Record (2)

H6-08

Correspondence Control

A3-01