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100K PROJECT MANAGERS' MEETING MINUTES,
September 10, 2009

DOE/RL
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EPA

Rod Lobos	B1-46

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Reed Kaldor (original)	X4-01
Administrative Record (2)	H6-08
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(09/25/09 – Minutes redistributed to reflect correct Attachments 2 and 3).

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Meeting Minutes Transmittal/Approval
100K Project Managers Meeting
September 10, 2009

APPROVAL: _____ Date: 9-10-2009
Tom Teynor, 100K Project Manager, DOE RL

APPROVAL: _____ Date: 9-10-09
Rod Lobos, 100K Project Manager, EPA

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.

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

100K Project Managers Meeting
September 10, 2009

Please print clearly and use black ink

Printed Name	Organization	Telephone
Ellen B. Dagan	KBC	376-3811
Tom Teynor	RL KBC	376-6363
Steve Balone	RL KBC	376-0236
Darrell Riffe	CHPRC 100K	376-0149
Brett M. Barnes	CHPRC 100K	521-3053
David Watson	CHPRC EP 100K	438-6721
Kurt Kehler	CHPRC EPC	376-0566
Rod Lobos	EPA	376-3749
Reed Kaldor	CHPRC	372-1992

ATTACHMENT 2
100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

September 10, 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**

- Met with EPA and Ecology to address comments on closure plan.
- Revised closure plan prepared and submitted to RL for transmittal to Ecology.

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:

E. Dagan to contact Ecology regarding status of comments on closure plan.

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

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

Schedule Statue: Estimated completion date is September 10, 2009.

Agreements, Commitments and Actions:

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

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**

- Design is complete and planning activities are in progress (approximately 95% complete).
- Dry-runs and training are complete with schedules set to immediately follow D-4 completion.
- RL comments were received on the final hazard classification were incorporated and returned for approval. Approval is expected in early September.

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

RL and EPA met to discuss closure completion for this milestone on September 3, 2009 and agreed that the milestone would be met when soil was being loaded into an ERDF container.

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 approved the CHPRC recommendation to proceed with a 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).
- Conceptual design for Phase 1 (container sludge and settler sludge removal) continues.
- Two sludge removal concepts are 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 is planned to aid in deciding which concept to advance into preliminary design.

- 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 has started.
- Conceptual design for KOP sludge processing and removal continues.
- KOP Phase 4 inspections of the KOP sludge stream have started.
- 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 in initial stages.
- 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 review and approval (TPA Change Notice)
- Activities to declare facility readiness for transfer sludge from the settler tubes to Container 230 are under way. 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.

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

No comments.

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:

No comments.

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 baseline approved.
- Contractor has located project management and design staff at 100K.
- Thirty percent design review completed.
- Approved release of Task 3 for preliminary and final design.
- A regulatory strategy has been developed and a schedule is being prepared.
- Facility hazard analysis is being prepared.

Schedule Status: Proposed change in work scope to reactor core removal will require re-evaluation of the milestone.

Agreements, Commitments and Actions:

No comments.

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

September 10, 2009

TPA-CN-292 - Revises KBC-33786, *Quality Assurance Project Plan / Sampling and Analysis Plan for Sludge in the KW Engineered Containers.* The revision reflects the addition of settling studies to the planned analysis of sludge samples and the consolidation of the governing data quality objectives (DQOs) into one document (HNF-36985). The revision also reflects DOE's revised transportation safety approach for the shipment of sludge samples, revisions as a result of site-wide changes in contractors, and the removal of specific procedural references.

Status: Change notice prepared and ready for approval by RL and EPA.

Discussion Points and Agreements:

CN signed by RL and provided to EPA.