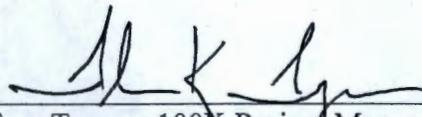
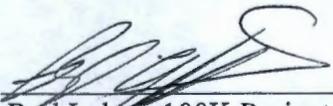


Meeting Minutes Transmittal/Approval  
100K Project Managers Meeting  
January 14, 2010

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

Date: 1-14-2010

APPROVAL:   
Rod Lobos, 100K Project Manager, EPA

Date: 1-14-2010

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.

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Minutes of the 100K Project Managers meeting of January 14, 2010 are attached. Minutes are comprised of the following.

- |              |  |
|--------------|--|
| Attachment 1 | Attendance Record  |
| Attachment 2 | Milestone Status Report with Agreements,<br>Commitments and Actions Identified |
| Attachment 3 | Change Request Status with approved changes<br>signed off at meeting           |



## ATTACHMENT 2

# 100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

January 14, 2010

**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**

- A 105KW Basin end state configuration work plan has been prepared. The work plan describes the activities leading to defining the configuration of the basin at time of turnover for demolition (e.g., initial sludge estimates, D&D and DQO/SAP strategy, preliminary dose and shielding evaluation of the basin substructure, and nuclear safety strategy). This includes the process(es) by which the End Point Criteria for the K Basin Interim Remedial Action will be achieved and utilize lessons learned from the D4 of the 105KE Basin.
- Conceptual design for KOP sludge processing and removal continues. The final KOP inspection report has been completed.
- Conceptual design for engineered container sludge continues including preparations to demonstrate that the project has satisfied DOE's critical decision 1 (CD1) criteria. Each step in the DOE critical decision process marks an increased commitment of resources for succeeding steps.
- Engineering for those 105KW facility modifications and systems associated with the removal of the engineered container sludge are progressing.
- Analytical test reports have been received from PNNL for sludge samples taken from Containers 220, 240, 250, and 260. Data reviews and validations have started.
- Operations involving the transfer of sludge from the settler tubes to Container 230 have commenced. Of the 10 tubes, one is complete and sludge is being transferred from a second tube.
- Modifications to MASF to simulate the KW Basin pool for future testing have commenced.

- TPA Change Notice 292 documenting changes to KBC-33786, *Quality Assurance Project Plan/Sampling Analysis Plan for Sludge in the KW Engineered Containers*, was approved by the agencies since the last PMM and included in the AR.
- As part of the ARRA projects at 100K, design of HVAC modifications to the KW Basin are nearing completion. These will improve radiological conditions in the basin for the worker without impacting the current basin roof vents and monitoring systems. HVAC modifications and their conformance to existing ARARs will be documented as a change to the current K Basin RDR/RAWP, DOE/RL-99-89 Rev. 1, by way of the TPA change notice process.

**Schedule Status:** On schedule to meet milestone.

**Agreements, Commitments and Actions:**

CHPRC to provide schedule for development of RD/RA work plan.

**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.
- Continued work on UPR-100-K-1 and pipelines near the 105KE Fuel Storage Basin. UPR-100-K-1 contamination levels remain above expectations. Dose rates are increasing with depth. In-progress samples to be taken in early January will provide an indication of inventory levels at depth.
- Initiated preliminary biased sampling of Confirmatory Sample No Action sites 100-K-63 and 100-K-64. Initial indication is that the sites may fail.
- Sample results from the 183.2 KW sedimentation basin concrete scabbles of floor and 183.3 KW sand filter have partially returned.
- 183.7 KW scabbling and core drilling is scheduled for early January.
- Need EPA feedback on disposition of concrete that is non-contaminated but at grade and non-contaminated piping that is encased or not encased in concrete.

**Schedule Status:** On schedule to meet milestone.

**Agreements, Commitments and Actions:**

No comments.

**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**

- EPA and Ecology provided formal comments on the FFS/PP on November 30 and December 4, 2009, respectively. Initial Comment Resolution meeting with Regulating Agencies held January 7, 2010. Review copies of Draft B FFS/PP scheduled to be provided to Regulatory Agencies June 7, 2010.
- Due date comments were provided. The extensive revision required, followed by a ROD and a subsequent RD/RA work plan, are not supportive of the 6/30/10 milestone date.
- Existing milestone contains language allowing day-for-day slip - "It is assumed that the record of decision will be signed 6 months after the proposed remedy is submitted. A day-for-day slip in the RD/RAWP due date will be given for each day the remedy decision is not issued past the 6 month date." Use of the slip language needs to be documented in some way, to avoid the appearance of a missed milestone due to the 6/30/10 milestone date. (MSA will consider the milestone missed without documentation.)
- A change package to adjust the milestone date associated with M-016-155 is being developed to correlate with the revised schedule for development of the associated RD/RAWPs.

**Schedule Status:** On schedule to meet milestone.

**Agreements, Commitments and Actions:**

CHPRC to prepare a change package to adjust the milestone for M-016-155.

**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**

- Draft DQO/SAP provided to RL for review and comment
- Draft Tri-Party Agreement Change Notice for the 100K Area Interim Safe Storage and D4 Project Waste Sampling and Analysis Plan submitted to RL for review and comment
- Decisional Draft submitted to RL on the Waste Control Plan for 105KE Reactor Core Sampling (CHPRC-00434) for review and comment
- Decisional Draft submitted to RL on the Air Monitoring Plan for the 105KE Reactor Core Sampling in the 100K Area (CHPRC-00435)
- CHPRC provided a diagram of the exhaust system identified in the AMP to RL. A meeting was convened to address comments on AMP and other documents.

**Schedule Status:** On Schedule.

**Agreements, Commitments and Actions:**

No comments.

## ATTACHMENT 3

# 100K AREA PROJECT MANAGERS' MEETING CHANGE REQUEST STATUS

January 14, 2010

**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 approved by RL and EPA.

**Discussion Points and Agreements:**

No comments.

**TPA-CN-320** - Revises DOE/RL-96-17, Rev. 6, *Remedial Design Report/Remedial Action Work Plan for the 100 Area*. The revision adds text noting that TPA-CN-320 supersedes TPA-CN-242 and notes the following:

- Sites 116-K-3 and 116-KE-2 are being moved from Phase 1 to Phase 3.
- Sites 100-K-72, 100-K-73, 100-K-74, 116-KW-2, and 100-K-55 are being moved from Phase 2 to Phase 3.
- Site 116-KE-3 is being moved from Phase 3 to Phase 1.
- Sites 100-K-60, 100-K-66, 100-K-67 and 100-K-83 are being moved from Phase 3 to Phase 2. Phase 2 will also include orphan and newly discovered sites.

Schedules and sites for the remaining work in the 100K Area are identified.

**Status:** Change Notice prepared.

**Discussion Points and Agreements:**

TPA-CN-320 approved by RL and EPA.



**Change Notice for Modifying Approved Documents/ Workplans  
In Accordance with the Tri-Party Agreement Action Plan,  
Section 9.0, Documentation and Records  
TPA-CN-320**

<b>Change Number</b>	<b>Document Submitted Under Tri-Party Agreement Milestone</b>	<b>Date:</b>
TPA-CN-320	N/A	January 6, 2010
<b>Document Number and Title:</b> DOE/RL-96-17, Rev. 6, Remedial Design Report/Remedial Action Work Plan for the 100 Area		<b>Date Document Last Issued:</b> September 2009
<b>Originator:</b> Lorna Dittmer		<b>Phone:</b> 376-7017
<p><b>Description of Change:</b> Adds text to the RD/RA Work Plan regarding phased work for the 100-K Area and reflects agreed upon shift of selected waste sites between Phases 1, 2 &amp; 3. This TPA Change Notice replaces TPA-CN-242 in its entirety.</p> <p>This change modifies an approved work plan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, <i>Documentation and Records</i>, and not Chapter 12.0, <i>Changes to the Agreement</i>. The following text is added to the end of Section 3.2.2 in DOE/RL-96-17, Rev. 6.</p> <p>A 100-K Area perimeter boundary has been identified to segregate waste sites and structures that require coordination and detailed integration with the Sludge Treatment Project to safely and effectively complete remediation. In many cases, these waste sites and structures are in proximity to the still active KW Fuel Storage Basin or to facilities needed to keep the KW Basin operational. The perimeter boundary (with some exceptions on the east-side) generally coincides with the outer-most perimeter fences around the 100-K Area (encompassing the reactors and facilities) and the area between the northern perimeter fence and the Columbia River. The perimeter boundary was chosen to exclude the waste sites (118-K-2, 100-K-2, 100-K-78, 126-K-1, 128-K-2, and 600-29) that do not require integration with the Sludge Treatment Project for completion.</p> <p>This change notice supercedes TPA-CN-242. Changes from TPA-CN-242 are identified as follows:</p> <p>The following sites are being moved from Phase 1 to Phase 3: 116-K-3 and 116-KE-2.</p> <p>The following sites are being moved from Phase 2 to Phase 3: 100-K-72, 100-K-73, 100-K-74, 116-KW-2, 100-K-55.</p> <p>The following site is being moved from Phase 3 to Phase 1: 116-KE-3.</p> <p>The following sites are being moved from Phase 3 to Phase 2: 100-K-60, 100-K-66, 100-K-67 and 100-K-83. Phase 2 will also include orphan and newly discovered sites.</p> <p>Remaining work at the 100-K Area is being performed in three phases and will be completed on the dates provided below:</p> <p>Phase 1 (12/31/2012) will encompass the in situ hexavalent chromium response actions, and the following waste sites.</p> <p>100-K-3, 100-K-6, 100-K-18, 100-K-19, 100-K-34, 100-K-36, 100-K-37, 100-K-38, 100-K-46, 100-K-53, 100-K-57, 100-K-62, 100-K-63, 100-K-64, 100-K-77, 100-K-68, 100-K-69, 100-K-70, 100-K-71, 100-K-79, 116-KE-1, 116-KE-3, 116-KE-6A, 116-KE-6B, 116-KE-6C, 116-KE-6D, 118-KE-2, 130-KE-1, 132-KE-1, 120-KW-1, 120-KW-2, 120-KW-3, 120-KW-4, 120-KW-5, 120-KW-7, 1607-K3, 100-K-55*, 100-K-56*.</p> <p>Phase 2 (12/31/2015) will encompass the following waste sites:</p> <p>100-K-1, 100-K-4, 100-K-5, 100-K-13, 100-K-14, 100-K-25, 100-K-27, 100-K-48, 100-K-49, 100-K-54, 100-K-60, 100-K-61, 100-K-66, 100-K-67, 100-K-83, 116-KW-1, 118-KW-2, 120-KE-1, 120-KE-2, 120-KE-3, 120-KE-4, 120-KE-5, 120-KE-6, 120-KE-8, 120-KE-9, 120-KW-6, 126-KE-2, 130-K-2, 130-KE-2, 130-KW-1, 130-KW-2, 132-KW-1, 1607-K1, 1607-K2, 1607-K4, 1607-K5, 1607-K6, 100-K-56*, and other orphan and discovery sites.</p> <p>Phase 3 (after sludge is removed from the basin) will encompass the following waste sites.</p> <p>100-K-72, 100-K-73, 100-K-74, 116-KW-2, 118-KW-1, 100-K-35, 128-K-2, 100-K-43, 100-K-75, 100-K-47, 100-K-80, 100-K-81, 100-K-82, 116-K-3, 116-KE-2, 100-K-55*, 100-K-56*.</p> <p>* Partial unit. Waste sites that span into multiple-phase areas (e.g., pipelines) may be executed in each phase.</p>		



**Change Notice for Modifying Approved Documents/ Workplans  
In Accordance with the Tri-Party Agreement Action Plan,  
Section 9.0, Documentation and Records  
TPA-CN-320**

NOTE—Provided for information only:

Interim closed-out waste sites, therefore no further action required;

100-K-32, 100-K-33, 116-KE-4, 116-KE-5, 116-KW-3, 116-KW-4, 100-K-29, 100-K-30, 100-K-31, 128-K-1.

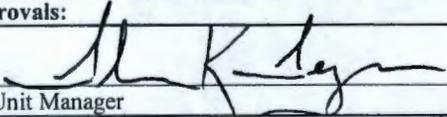
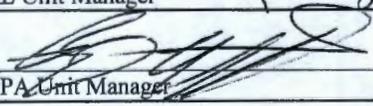
Waste sites rejected/not accepted in WIDS, therefore no further action required;

100-K-9, 100-K-10, 100-K-15, 100-K-16, 100-K-20, 100-K-21, 100-K-24, 100-K-39, 100-K-44, 100-K-52, 100-K-8, 100-K-11, 100-K-12, 100-K-22, 100-K-23, 100-K-28, 100-K-51, 100-K-59, 100-K-76, 126-KE-3, 130-K-3, 100-K-7, 130-K-1, 100-K-58.

Facilities are addressed in TPA-CN-245.

**Justification and Impacts of Change:** This change notice supports the 100 K Area negotiations and implements scope established in change package M-16-08-09. This change notice supercedes TPA-CN-242.

**Approvals:**

 _____ RL Unit Manager	<u>1-14-2010</u> Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 _____ EPA Unit Manager	<u>1-14-10</u> Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
_____ Ecology Unit Manager	_____ Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

**DISTRIBUTION**  
**100K PROJECT MANAGERS' MEETING MINUTES**  
**January 14, 2010**

DOE/RL

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EPA

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Administrative Record (2)

H6-08

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