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100K PROJECT MANAGERS' MEETING MINUTES
November 12, 2009

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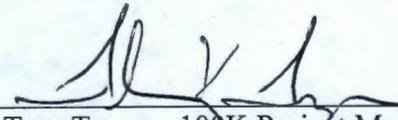
EPA
Rod Lobos B1-46

CHPRC
Reed Kaldor (original) X4-01

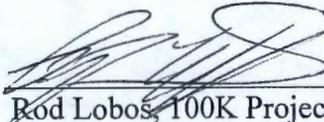
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Meeting Minutes Transmittal/Approval
100K Project Managers Meeting
November 12, 2009

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

Date: 11-12-09

APPROVAL: 
Rod Lobos, 100K Project Manager, EPA

Date: 11-12-09

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.

Minutes of the 100K Project Managers meeting of November 12, 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
November 12, 2009

Please print clearly and use black ink

Printed Name	Organization	Telephone
Ellen Dagan	DOE-RL KBC	376-3811
Roger Quintero	DOE-RL KBC	373-0421
Krett M Barnes	CHPRC KBC	521-3053
WALLACE W RUTHERFORD	CHPRC- STP	372-2903
Tom Teyner	DOE-RL, KBC	376-6363
COLBURN KENNEDY	CHPRC	376-3152
Dottie Norman	CHPRC	373-2027
Randy Hammer	CHPRC	376-0981
DL FOSS	PRC	438-2706
Darrell Riffe	CHPRC	376-0149
Kurt Kehler	CHPRC	376-0566
David Watson	CHPRC	373-3250
Deanna Klages	CHPRC	373-6312
Lorna Dittmer	NWI/CHPRC	531-8877
Jim Hanson	DOE	373-9068
Reed Kaldor	CHPRC SHQ	372-1992
Steve Balone	DOE-RL	376-0236
Red Lobos	EPA	376-3749

ATTACHMENT 2

100K AREA PROJECT MANAGERS MEETING

MILESTONE STATUS

November 12, 2009

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 DOE HQ team completed the STP Phase 1 Technology Readiness Assessment. Four critical technology elements (CTEs) were identified by the team. All four of these CTEs received a technology readiness level (TRL) score of 4. The assessment report will be issued in November 2009.
- STP held an informational session on October 13 at WSU Tri-Cities with parties expressing an interest in participating in round one of the Phase 2 alternatives evaluation (treatment and packaging of EC/ST sludge). Seventeen participants have expressed interest in participating.
- Conceptual design for KOP sludge processing and removal continues. Initial system operational checks of the hardware assembled to execute Conceptual Design Test #1, Size Reduction with Screened Canister have been initiated. This test (1 of 9 planned) is scheduled to complete in early December. Remaining tests are scheduled through February 2010.
- Data evaluation for Phase 4 washing and inspections has been completed. Phase 4 covered the actual material collected in the 11 KOPs. The results will be incorporated into a final report that covers all four phases of the in-basin inspections and is scheduled for release in mid-December. Preliminary evaluation indicates that the washing process effectively removed a substantial portion of the KOP material (<600mm) and moved it downstream to the Settler Tanks. The final density of the washed KOP (proper) material was over 10 g/ml, which is substantially higher than the results from washing the other KOP (PCM/PPT and IWTS strainer) materials.
- A schedule of the engineering and testing activities supporting the CD-2/3 Phase of the engineered container sludge removal work scope is being prepared.

- Procurement actions for purchasing additional MCOs are continuing.
- Analysis of sludge from Containers 220, 240, 250, and 260 at PNNL is in progress. A draft assessment of the *Expedited Data Package for Core Composite Samples Collected from Engineered Containers SCS-CON-240, 250, and 260*, has been completed. The evaluation of the data was performed to determine if the initial assumption that the KE sludges in 240, 250, and 260 can be considered a single population. A review of the statistical variation of the data has concluded that this assumption is valid, and that no additional samples of KE sludge need to be taken.
- Activities to declare facility readiness for transfer sludge from the settler tubes to Container 230 are continuing.
- Contracting for modifications to MASF to simulate the KW Basin pool for future testing has been completed and construction planning is in progress.

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

No comment.

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 100-K-56.
- Continuing preparation of confirmatory sample instructions for the No Action sites.
- Need EPA input regarding disposition of concrete that is non-contaminated but below grade and non-contaminated piping that is encased in concrete (e.g., D4 of electrical substations). What documentation is needed to support the fact that the concrete or piping is non-contaminated?

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

EPA will provide feedback on disposition of concrete that is non-contaminated but at grade and non-contaminated piping that is encased or not encased in concrete.

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 have committed to provide formal comments on the FFS/PP by November 27, 2009
- Awaiting scope clarification from regulators on M-016-155

Schedule Status: On schedule to meet milestone.

Agreements, Commitments and Actions:

Comment review meetings will be convened to review comments on FFS/PP to ensure expectations are understood.

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 100-K 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 105-KE Reactor Core Sampling (CHPRC-00434) for review and comment
- Decisional Draft submitted to RL on the Air Monitoring Plan for the 105-KE Reactor Core Sampling in the 100-K Area (CHPRC-00435)
- Held NEPA Supplement Analysis scoping meeting with RL

Schedule Status: On Schedule.

Agreements, Commitments and Actions:

CHPRC to provide a diagram of the exhaust system identified in the AMP.

RL to schedule meeting on 12/03/09 to address comments on AMP and other documents as received.

ATTACHMENT 3

100K AREA PROJECT MANAGERS' MEETING CHANGE REQUEST STATUS

November 12, 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 signed by RL and provided to EPA. EPA comments provided to RL as stated below.

Table 2-3 - Need to add a note stating: "The listed activity can begin or be completed earlier than the listed date." (I would encourage early starts and completions as much as possible)

Page 2-15, Section 2.6, first sentence - "Consistent with the CHPRC QA program" needs to be more specific of what that entails. Needs to have a document or set of documents referenced. Something to gage adherence to.

Page 3-18, Section 3.3.5, first paragraph - "For studies supporting STP... metals (i.e., ICP analysis)." Delete this sentence.

Page 4-1, Section 4.1 - "CHPRC quality assurance and environmental quality assurance programs," need to be more specific, reference etc.

Page 4-2, Section 4.1.1 - "CHPRC work documents governing management assessments," need to be more specific, reference etc.

Discussion Points and Agreements:

CHPRC to provide proposed resolution to EPA comments in meeting on 11/16/09.

TPA-CN-306 – Revises DOE/RL-2005-26, Rev. 1, *Removal Action Work Plan for 105-KE/105-KW Reactor Facilities and Ancillary Facilities*. The revision adds the following text.

"During field activities for soil remediation and D&D, the potential for releases to the 004 outfall will be evaluated. Work will be sequenced to ensure the necessary steps to

prevent inadvertent discharges to outfall pipelines. Specifically, prior to demolition activities, soil remediation activities or excavation of pipelines, all known discharge conveyances to the 004 outfall will be evaluated and isolated from the outfall. Such isolation will be accomplished by the most effective feasible method(s) including, but not limited to: capping, plugging, the use of air gaps, or other viable means such as damming/collecting and pumping. Additionally, pipelines discovered during demolition or excavation that could potentially result in discharges to the outfall, will also be evaluated when found and isolated as required."

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

Discussion Points and Agreements:

Change notice approved by RL and EPA.

TPA-CN-311 – Revises DOE/RL-96-17, Rev. 5/6, *Remedial Design Report/Remedial Action Work Plan for the 100 Area*. The revision adds the following text.

Adding this statement into both documents:

"During field activities for soil remediation and D&D, the potential for releases to the 004 outfall will be evaluated. Work will be sequenced to ensure the necessary steps to prevent inadvertent discharges to outfall pipelines. Specifically, prior to demolition activities, soil remediation activities or excavation of pipelines, all known discharge conveyances to the 004 outfall will be evaluated and isolated from the outfall. Such isolation will be accomplished by the most effective feasible method(s) including, but not limited to: capping, plugging, the use of air gaps, or other viable means such as damming/collecting and pumping. Additionally, pipelines discovered during demolition or excavation that could potentially result in discharges to the outfall, will also be evaluated when found and isolated as required."

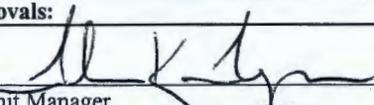
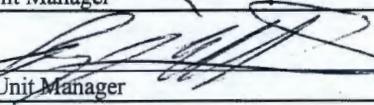
Status: Change notice prepared and ready for approval by RL and EPA.

Discussion Points and Agreements:

Change notice 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**

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:	
TPA-CN-306	N/A	November 2009	
Document Number and Title: DOE/RL-2005-26, Rev. 1, <i>Removal Action Work Plan for 105-KE/105-KW Reactor Facilities and Ancillary Facilities</i>		Date Document Last Issued: February 2007	
Originator: Deanna Klages, CHPRC		Phone: 509-373-6312	
Description of Change: Adding statement into text describing field activities in support of protection of the 004 Outfall in the 100-K Area.			
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> .			
In DOE/RL-2005-26, Rev 1, the following section contains redline changes to support protection of the 004 Outfall during D&D and remediation activities:			
Section 2.1.4, added the following text:			
<p>"During field activities for soil remediation and D&D, the potential for releases to the 004 outfall will be evaluated. Work will be sequenced to ensure the necessary steps to prevent inadvertent discharges to outfall pipelines. Specifically, prior to demolition activities, soil remediation activities or excavation of pipelines, all known discharge conveyances to the 004 outfall will be evaluated and isolated from the outfall. Such isolation will be accomplished by the most effective feasible method(s) including, but not limited to: capping, plugging, the use of air gaps, or other viable means such as damming/collecting and pumping. Additionally, pipelines discovered during demolition or excavation that could potentially result in discharges to the outfall will also be evaluated when found and isolated as required."</p>			
See attached redline page for further clarification.			
Justification and Impacts of Change: Added text for protection of the 004 Outfall during field activities at the 100-K Area.			
Approvals:			
 _____ RL Unit Manager	11-12-09 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 _____ EPA Unit Manager	11-12-09 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
N/A _____ Ecology Unit Manager	_____ Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

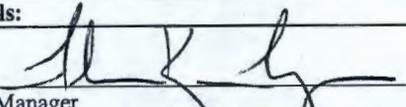
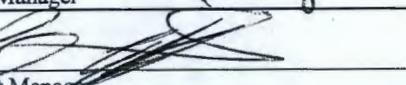
2.1.4 Deactivation, Decontamination, Decommissioning, and Demolition Activities

The D&D/D4 activities will be conducted within the footprint of a given facility (although staging may occur in an onsite location within the 100-K Area); however, the size of the area needed to excavate soils and/or demolish structures exceeds the size of the footprint. The demolition area necessary to excavate soils and/or demolish structures is considered to be part of the BFA.

Prior to starting D&D/D4 activities, the presence of waste sites within the footprint of a given facility (i.e., 1.5 m [5 ft] from the facility's foundation) or within the expected excavation area will be identified and documented. In general, work activities for D&D/D4 will begin by developing a baseline of the facility conditions. Biological cleanup, general housekeeping, and removal of hazardous materials may also be necessary. Fluids will be drained from piping and equipment. Contaminated materials will be fixed in place. During field activities for soil remediation and D&D, the potential for releases to the 004 outfall will be evaluated. Work will be sequenced to ensure the necessary steps to prevent inadvertent discharges to outfall pipelines. Specifically, prior to demolition activities, soil remediation activities or excavation of pipelines, all known discharge conveyances to the 004 outfall will be evaluated and isolated from the outfall. Such isolation will be accomplished by the most effective feasible method(s) including, but not limited to: capping, plugging, the use of air gaps, or other viable means such as damming/collecting and pumping. Additionally, pipelines discovered during demolition or excavation that could potentially result in discharges to the outfall will also be evaluated when found and isolated as required. The interior portions of the building will be removed. The final activity will include the demolition of the structure.



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

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:	
TPA-CN-311	N/A	November 2009	
Document Number and Title: DOE/RL-96-17, Rev. 5/6, Remedial Design Report/Remedial Action Work Plan for the 100 Area		Date Document Last Issued: February 2005/October 2009	
Originator: Deanna Klages, CHPRC		Phone: 509-373-6312	
Description of Change: Adding statement into text of both document versions describing field activities in support of protection of the 004 Outfall in the 100-K Area.			
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> .			
In DOE/RL-96-17, Rev 5/6, the following section contains redline changes to support protection of the 004 Outfall during D&D and remediation activities:			
Section 3.1.2, second to the last paragraph, added the following text:			
<p>"During field activities for soil remediation and D&D, the potential for releases to the 004 outfall will be evaluated. Work will be sequenced to ensure the necessary steps to prevent inadvertent discharges to outfall pipelines. Specifically, prior to demolition activities, soil remediation activities or excavation of pipelines, all known discharge conveyances to the 004 outfall will be evaluated and isolated from the outfall. Such isolation will be accomplished by the most effective feasible method(s) including, but not limited to: capping, plugging, the use of air gaps, or other viable means such as damming/collecting and pumping. Additionally, pipelines discovered during demolition or excavation that could potentially result in discharges to the outfall will also be evaluated when found and isolated as required."</p>			
See attached redline page for further clarification.			
Justification and Impacts of Change: Added text for protection of the 004 Outfall during field activities at the 100-K Area.			
Approvals:			
 _____ RL Unit Manager	11-12-09 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 _____ EPA Unit Manager	11-12-09 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
N/A _____ Ecology Unit Manager	_____ Date	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

3.1.2 Excavation

Second to the last paragraph in the section:

Dust control is maintained on the haul roads, at the excavation site, and at the clean soil storage area, as well as at the contingency storage area for soils potentially requiring treatment. Use of water for dust control at the excavation site will be minimized. During field activities for soil remediation and D&D, the potential for releases to the 004 outfall will be evaluated. Work will be sequenced to ensure the necessary steps to prevent inadvertent discharges to outfall pipelines. Specifically, prior to demolition activities, soil remediation activities or excavation of pipelines, all known discharge conveyances to the 004 outfall will be evaluated and isolated from the outfall. Such isolation will be accomplished by the most effective feasible method(s) including, but not limited to: capping, plugging, the use of air gaps, or other viable means such as damming/collecting and pumping. Additionally, pipelines discovered during demolition or excavation that could potentially result in discharges to the outfall will also be evaluated when found and isolated as required. All material being transported from the excavation site is covered, contained, or has moisture content adequate for inhibiting dust without being covered or contained during transport and disposal. The moisture content of bulk contaminated material destined for ERDF disposal is in accordance with ERDF waste acceptance criteria (BHI 2002). Dust fixative is applied to open excavation sites when potential concerns arise about health issues or the spread of contamination.