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100K PROJECT MANAGERS MEETING MINUTES
June 9, 2011

DOE/RL

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EPA

Rod Lobos

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T1-41

Administrative Record (2)

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Meeting Minutes Transmittal/Approval
100K Project Managers Meeting
June 9, 2011

APPROVAL: Roger A. Zunter / for
Tom Teynor, 100K Project Manager, DOE RL

Date: 6/9/11

APPROVAL: [Signature]
Rod Lobos, 100K Project Manager, EPA

Date: June 9, 2011

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 do not apply to any other attachments. Any other attachments are provided for information purposes.

Minutes of the 100K Project Managers meeting of June 9, 2011 are attached. Minutes are comprised of the following.

Attachment 1

Attendance Record

Attachment 2

Milestone Status Report with Agreements,
Commitments and Actions Identified

ATTACHMENT 2

100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

June 9, 2011

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-RL submitted RD/RAWPs and TPA change packages addressing all the elements of Milestone M-16-140 to EPA on March 30, 2011 (letter 11-AMRC-0111). EPA comments received on May 16, 2011 and have been incorporated into respective RD/RAWPs. RL and EPA are performing final review and approval of remaining RD/RAWPs and TPA change packages/change notices.
- Treatment and Packaging of EC sludge (STP Phase 2 Technology Evaluation and Alternatives Analysis)
 - A Decision Support Board (DSB) made up of personnel from DOE-RL, DOE-CBFO, URS Washington Division, and CHPRC met in a workshop forum to evaluate the technical, operability, and regulatory aspects associated with several sludge treatment options for rating purposes. EPA and DNFSB staff were present as observers.
 - The Technology Alternatives Evaluation Report is in preparation and expected to be completed in July 2011.
- Removal of Found Fuel
 - Inspection continues in the 105-K West Basin to identify and collect any fuel fragments on the basin floor.
 - The cleanout of the 118-K-1 burial ground is discovering some SNF that is being further characterized for shipment to 105-K West basin for processing.

Schedule Status: On schedule

Agreements, Commitments and Actions:

EPA has reviewed DOE/RL-2010-53 and DOE/RL-2011-15 and has agreed to approve Revision 0. RL will verify all TPA change package dates align with EPA and RL agreed to dates prior to transmitting the work plans and change packages for formal EPA approval.

M-016-170 Complete KOP material pre-treatment. **Due 9/30/2011, DOE Lead Roger Quintero**

- KOP Pre-treatment has commenced in the 105-KW Basin.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

M-016-172 Complete KOP material removal from 105-KW Fuel Storage Basin. **Due 9/30/2012, DOE Lead Roger Quintero**

- KOP Processing System qualification testing continues at MASF. Two of the four test sections are complete with acceptable results.
- Procurement of the “production hardware” associated with the KPS has commenced.
- Offsite fabrication of additional MCOs for load out of the KOP product material is in progress

Schedule Status: On schedule.

Agreements, Commitments and Actions:

M-016-174 Complete final design of sludge retrieval and transfer system. **Due 9/30/2012, DOE Lead Roger Quintero**

- Field work on making initial modifications to the 105-KW Basin Annex have commenced.
- Full scale integration testing of the retrieval, transport, and storage system continues at MASF; operator training will follow.
- PNNL is continuing the laboratory analysis on sludge samples from Engineering Containers 210 and 230.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

RL to schedule a tour of MASF with EPA to observe container sludge integrated testing.

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**

- Demolition of 183.4 KE and 183.4 KW Clearwells in progress.
- Waste load out of 183.1 below grade structure in progress
- Demolition of 183.3 KE in progress
- Waste site below grade demolition and debris load out was conducted during May. The table below displays the number of tons and containers sent to ERDF.

Waste Site	Tons Shipped to ERDF	Number of Containers Shipped
105-KE Admin	970	51
1706 KER	5128	254
100-K-62/117-KE	22	1
100-K-42	2422	139
100-K-47	528	24
100-K-56	119	8
116-KE-1	2854	126
116-KE-3	1414	62
100-K-53	3808	181
100-K-109	423	20
120-KW-1	8195	374

- Completed load out of 100-K-62/117-KE.
- Continuing leach test to determine a site specific K_d value for selenium. Results will support either a protectiveness evaluation or a new path forward for waste site 100-K-63.
- Completing report for Carbon-14 K_d study.
- Three Remaining Sites Verification Packages were submitted by CHPRC are being reviewed for approval (118-KE-2, 118-KW-2 and 130-KE-1).
- Drafting one Remaining Sites Verification Package for waste site 100-K-110.
- Incorporating comments to the Sample Instruction for in-process sampling at 183.2KE, 183.3-KE and 183.7-KE.
- Drafted a Sample Instruction for sampling of the 183.4-KW and 183.4-KE Clearwells sent to DOE-RL and EPA for review.
- Drafting Confirmatory Sampling Instruction for 100-K-79, Subsite 4, Treated Water Lines.
- Drafting several Verification Sampling Instructions to include waste sites south of the 183.2-KW Flocculation and Sedimentation Basins (100-K-102, 1607-K3, 100-K-79 Subsites 1a and 2a, 100-K-18, 100-K-19, 100-K-34, 120-KW-1, 120-KW-2, 120-KW-3, 120-KW-4, 120-KW-5 120-KW-7 and 100-K-97).

Schedule Status: On schedule.

Agreements, Commitments and Actions:

M-016-143 Complete the interim response actions for the 100 K Area within the perimeter boundary and to the river for Phase 2 actions. **Due 12/31/2015, DOE Lead Ellen Dagan/Steve Balone**

- 115 KW Gas Recirculation Building ready for demo.
- Completed demolition on 185K

Schedule Status: On schedule.

Agreements, Commitments and Actions:

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**

- Ten direct pushes and their associated data logging were completed in March. Data logging results reports and graphic representations of the data were shared with RL. Additional information will be gathered in this area through pothole sampling and more direct pushes.
- Continued internal design review comment resolution on the core removal.
- Continued below grade demolition on the 105-KE Admin structure.
- Completed demolition on west side of building.

Schedule Status: On Schedule.

Agreements, Commitments and Actions:

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100K Area Removal Action Status (June 9, 2011)

Phase 1 M-016-053: December 31, 2012	Phase 2 M-016-143: December 31, 2015	Phase 3 (M-16-00C)
<p>110KE Gas Storage Facility 115KE Gas Recirculation Building 116KE Reactor Exhaust Stack 117KE Exhaust Air Filter Building 118KE Horizontal Control Rod Storage Cave 119KE Exhaust Air Sampling 1706KE Radiation Control Counting Lab 1706KEL Developmental Lab 1706KER Water Studies Recirculation Bldg 1713KE Warehouse 1714KE Oil and Paint Storage Shed 183.4KW Clearwell 183.1KW Head House 181KE River Pump House 183.2KW Sedimentation Basin 183.3KW Filter Basin MO048 Construction Lunch Trailer MO060 Conference Trailer MO872 Leased trailer MO873 Leased trailer MO969 HPT Change Trailer 1605KE Guard Tower East</p>	<p>115KW Gas Recirculation Building 116KW Reactor Exhaust Stack 117KW Exhaust Air Filter Building 118KW Horizontal Control Rod Storage Cave 119KW Exhaust Air Sampling Building 166AKE Oil Storage Facility 166KE Oil Storage Vault 166KW Oil Storage Vault 1705KE Effluent Water Treatment Pilot Plant 1713KER Shop Building 1713KW Warehouse 1714KW Oil and Paint Storage Shed 1720K Administration Office Building 1724KB Gas Bottle Storage Facility 182K Emergency Water Reservoir Pump House 183.5KW Lime Feeder Building 183.6KW Lime Feeder Building MO101 Administration MO102 Administration MO214 Administration MO382 Office MO401 Administration MO402 Administration MO442 Classroom/Office MO506 CVDF Lunch Room MO507 CVDF Conference Room MO907 Administration MO917 CVDF Administration MO928 Administration</p>	<p>105KW Water Tunnel 142K CVDF 1506K1 Fiber Optics Hut 165KE Power Control Bldg 142KA CVDF Generator Bldg 165KW Power Control Bldg 167K Cross-tie Tunnel Bldg 1717K Maintenance Shop 1724K Maintenance Shop 1724KA Storage Shed 181KW River Pump House 183KE Chlorine Vault 183.2KE Sedimentation Basin 183.3KE Filter Basin 183.4KE Clearwell 183.1KE Headhouse 183.5KE Lime Feeder 183.6KE Lime Feeder 185K Potable Water Treatment Plant 1908K Outfall Structure 1908KE Outfall Structure 190KE Main Pump House 190KW Main Pump House MO054 Construction Lunch Room MO500 Administration MO236 KW Ops/HPT Change MO237 KW Construction Forces MO323 CVD Change Trailer MO955 Conference Room 1605KW Guard Tower West</p>

Field Work In Progress

Demolition Complete

Closure Actions and
Documentation Complete

100K Area Waste Site Remediation Status

June 9, 2011

Phase 1 M-016-053: December 31, 2012		Phase 2 M-016-143: December 31, 2015		Phase 3 (M-16-00C)	M-016-57 (Initiate soil remediation at K East Basin)	Legend
100-K-3	100-K-71	100-K-1	120-KE-8	100-K-35	UPR-100-K-1	Excavation in progress
100-K-6	100-K-77	100-K-4	120-KE-9	100-K-43		Failed CSNA
100-K-18	100-K-79	100-K-5	120-KW-6	100-K-47		Mixed Failed CSNA and RTD
100-K-19	116-KE-1	100-K-13	126-KE-2	100-K-55		Closure Docs in Process
100-K-34	116-KE-3	100-K-14	130-K-2	100-K-56		Closure documentation complete
100-K-36	116-KE-6A	100-K-25	130-KE-2	100-K-72		Backfill complete
100-K-37	116-KE-6B	100-K-27	130-KW-1	100-K-73		Revegetation complete
100-K-38	116-KE-6C	100-K-48	130-KW-2	100-K-74		
100-K-46	116-KE-6D	100-K-49	132-KW-1	100-K-75		
100-K-53	118-KY-2	100-K-54	1607-K1	100-K-80		
100-K-55(pt#1)	120-KW-1	100-K-55	1607-K2	100-K-81		
100-K-56	120-KW-2	100-K-56	1607-K4	100-K-82		
100-K-57	120-KW-3	96(pt#2)	1607-K5	116-K-3		
100-K-62	120-KW-4	100-K-60	1607-K6	116-KE-2		
100-K-63	120-KW-5	100-K-61	100-K-94	116-KW-2		
100-K-64	120-KW-7	100-K-66	100-K-97	118-KW-1		
100-K-68	130-KE-1	100-K-67	100-K-101	128-K-2		
100-K-69	132-KE-1	100-K-83	100-K-103			
100-K-70	1607-K3	116-KW-1	100-K-104			
	100-K-102	118-KW-2	100-K-105			
		120-KE-1	100-K-106			
		120-KE-2	100-K-107			
		120-KE-3	100-K-108			
		120-KE-4	100-K-109			
		120-KE-5	100-K-110			
		120-KE-6				

Waste site listing is based on DOE/RL-97-16 TPA CN320