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**100K PROJECT MANAGERS MEETING MINUTES**  
**February 10, 2011**

DOE/RL

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EPA

Rod Lobos

B1-46

CHPRC

Dottie Norman (original)

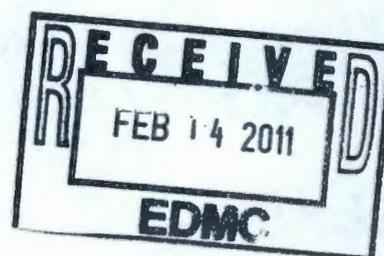
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Administrative Record (2)

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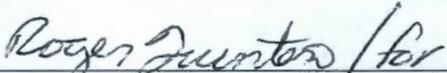
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Meeting Minutes Transmittal/Approval  
100K Project Managers Meeting  
February 10, 2011

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

Date: 2/10/11

APPROVAL:   
Rod Lobos, 100K Project Manager, EPA

Date: 2-10-2011

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 February 10, 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 3

Change Request Status with approved changes  
signed off at meeting



## ATTACHMENT 2

# 100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

February 10, 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**

- Status of RD/RA Work Plans (schedule attached)
  - Removal of all Sludge and KOP contents from the K West Basin - Submittal of draft A to EPA was completed on December 28, 2010.
  - Deactivation of the K West Basin - Submittal of draft A to EPA was completed on January 7, 2011.
  - Demolition/Removal of the K West Basin - Submittal of draft A to EPA is expected by March 2011.
  - Treatment and Packaging of Sludge for Disposal at WIPP – Submittal of draft A to EPA is expected by March 31, 2011.
- All elements of the milestone are on track for completion by March 31, 2011.
- Removal of Engineered Container (EC) sludge (STP Phase 1)
  - Engineering, technology readiness, and related testing are in progress to support completion of Phase 1 preliminary design
  - Full scale integration testing is expected to start in February 2011.
- Treatment and Packaging of EC sludge (STP Phase 2 Technology Evaluation and Alternatives Analysis)
  - Technology Evaluation test plans are in place with 5 commercial vendors and PNNL evaluating 8 different technical approaches. Current schedule for completion of bench scale proof-of-concept testing was completed by the commercial vendors in December 2010. The testing of a warm water oxidation process using a mixture of metallic uranium and uranium oxide is in progress and should be completed in February 2011.
  - The Technology Alternatives Evaluation Report is expected to be completed in July 2011.

- Removal of Knockout Pot (KOP) material
  - Continued design and testing for KOP material disposition systems (pretreatment and final processing).
  - KOP pretreatment (size reduction, density and wire separation) is currently planned to start in April 2011, the RD aspects of pretreatment in the RD/RAWP submittal for sludge removal will be at a 90% level to satisfy the informational requirements for a RDR.
- K West Basin response action activities
  - Debris removal is holding at 877debris units removed to date of a 1025 debris units goal.
  - Dose rate measurements on underwater debris are being taken for disposition planning in addition to removing debris.
  - HNF-20632, Rev 3, "*End Point Criteria for the K Basins Interim Remedial Action*" is being implemented.
  - Planning continued for receipt of SNF fragments at KW Basin from remediation activities at 100-D and 100-H Areas which is now planned to start by the end of February 2011.

**Schedule Status:****Agreements, Commitments and Actions:**

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

RL sent a letter to EPA to end dispute on M-016-140 concerning sludge treatment. The letter has been added to the Administrative Record.

EPAs position on final disposition of sludge is that all sludge should be treated and shipped to WIPP by M-016-00 Milestone date ( in FY 2024)

**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**

- Initiated dewatering of the 183.2 KE Sedimentation Basins.
- Completed installation of rock berm around 181KE Intake Structure.
- Initiated installation of the silt curtain around the 181KW Intake Structure and cutting in the access road for installation of the rock berm.
- Excavation and load out was conducted during January. The Table below displays the number of tons sent to ERDF and the number of containers.

Waste Site	Tons Shipped to ERDF	Number of Containers Shipped
1706 KE	1,246	70
115-KE	1,193	62
117-KE	607	31
100-K-42	3,513	211
100-K-71	820	38
100-K-53	2,244	111

- Received laboratory data associated with the 100-K-63 final potholing and excavation. Data evaluation and validation is ongoing to support decision making and path forward recommendations.
- Applied the final protective layer of the fiber matrix fixative at 100-K-63 to protect the culturally sensitive materials in the northwestern corner of the waste site.

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

**Agreements, Commitments and Actions:**

EPA requests DOE and Contractor to continue excavations of waste sites around 183.1KW Head House. Potential impacts to Milestone associated with RI/FS development.

**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**

- Continuing asbestos abatement activities in 115 KW Gas Recirculation Building.
- Completed characterization of 117 KW Exhaust Air Filter Building. One additional filter media sample is needed before application of fixative.
- Waste site remediation continues to be tracked to monitor progress on the schedule for the 100-K West Vadose Zone In Situ Bio-Infiltration Treatability Test. Coordination with required utilities (water, electricity, access) is ongoing.

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

**Agreements, Commitments and Actions:**

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**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**

- Planning continues to use direct push technology (DPT) to assist in the determination of the extent of contamination under the 105-KE reactor building and around the former fuel storage basin facility. DPT activities are planned to be conducted in February. Obtained all laboratory data on samples from the core borings.
- Continued internal design review comment resolution on the core removal.
- Completed demolition of 105KE discharge chute. Waste loadout continuing.
- Continued demolition on west side of building.
- Continued demolition on east side office area.

**Schedule Status:** On Schedule.

**Agreements, Commitments and Actions:**

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

**February 10, 2011**

**TPA-CN-424-** Modifies DOE/RL-2010-107, Rev. 0, *105-K West Basin Qualified Process and Plan to Satisfy End-Point Criteria (Fuel, Sludge, and Below-Water Debris*, to add mass as a field measurement.

**Status:** pending

**TPA-CN-412-** Modifies DOE/RL-96-17, Rev 6, *Remedial Design Report/Remedial Action Work Plan for the 100 Area* to include realignment of all waste sites and addition of discovery waste sites to Phase 3 schedule

**Status:** EPA review pending

**Discussion Points and Agreements:**

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