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100K PROJECT MANAGERS MEETING MINUTES
December 8, 2011

DOE/RL

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Rod Lobos

B1-46

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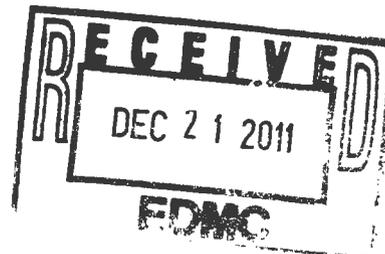
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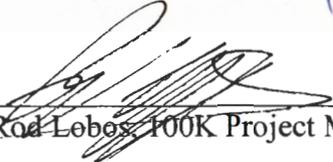
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Meeting Minutes Transmittal/Approval
100K Project Managers Meeting
December 8, 2011

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

Date: Dec. 8, 2011

APPROVAL: 
Rod Lobes, 100K Project Manager, EPA

Date: 12-8-2011

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 December 8, 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	100K Area PMM Response Action Agreements
Attachment 4	100K Removal Action Status
Attachment 5	100K Waste Sites Status
Attachment 6	100K Document Priority List

ATTACHMENT 2 100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

December 8, 2011

M-016-171 Complete K Basin sludge treatment and packaging technology evaluation report and submit a schedule including proposed new interim milestones for bench scale or identified testing in order to meet M-016-173

Due 03/31/2012, DOE Lead Roger Quintero

- The Technology Evaluation and Alternatives Analysis Report and Technology Approach recommendation are being reviewed by DOE.
- CHPRC has begun a Sludge Treatment Project (STP) Phase 2 pre-conceptual study. This includes developing the technology plan and conducting a siting evaluation which will consider existing, hybrid, and new facility alternatives. Work has begun on the development of the preliminary Technology Maturation plan to support M-016-171; and a formal contract change is being developed to incorporate these directed tasks into the CHPRC contract.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

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M-016-173 Select K Basin sludge treatment and packaging technology and propose new interim sludge treatment and packaging milestones.

Due 03/31/2015 DOE Lead Roger Quintero

Schedule Status: Pending completion of M-016-171.

Agreements, Commitments and Actions:

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

- Procurement of the “production hardware” associated with the KPS is in progress and on schedule.
- Offsite fabrication of additional MCOs for load out of the KOP product material is in progress as well as the copper inserts that will hold the KOP product material which will be placed in MCO baskets.
- Disposition of comments generated during the formal design review of final design was completed and final design report has been completed.
- The 90% Remedial Design Report Draft A was forwarded to EPA for review and comment on October 20, 2011. A QAPjP/SAP for field measurements associated with the removal of the KOP product material from the basin was included as an Appendix to the RDR.
- Radioactive air emissions license amendments for Cold Vacuum Drying Facility and Canister Storage Building that are outside the bounds of the K Basin interim remedial action but support the processing and interim storage of the KOP product material following removal from the 105-K West Basin have been issued by WDOH.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

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M-016-174 Complete final design of sludge retrieval and transfer system.
Due 9/30/2013, DOE Lead Roger Quintero

- Field work associated with installation of a 3-hour rated fire wall on the North end of the remaining portion of the existing annex continues.
- A formal design review of the preliminary design was completed.
- The Preliminary Design Report was approved and issued.
- Retrieval and transfer system optimization testing continues at MASF.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

DOE commits to notifying EPA of Project delays due to funding short falls as soon as possible.
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M-016-175 Begin sludge removal from 105-KW Fuel Storage Basin
Due 09/30/2014, DOE Lead Roger Quintero

Schedule Status: Pending completion of M-016-174.

Agreements, Commitments and Actions:

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M-016-176 Complete sludge removal from 105-KW Fuel Storage Basin
Due 12/31/2015, DOE Lead Roger Quintero

Schedule Status: Pending completion of M-016-175.

Agreements, Commitments and Actions:

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

Remedial Actions:

- Completed the drilling and logging of 10 additional DPTs under the 105-KE Reactor. Final data has been received and drawings are being updated.
- The RSVP for the 100-K-63 is being drafted.
- Interim backfill has been completed at the 100-K-63 waste site and interim re-vegetation is being pursued.
- Interim backfill has been completed for Area AA, Zone 3, 120-KW-1, 120-KW-2, 120-KW-3 and 120-KW-4 waste sites.
- The RSVP for Area AA, Zone 3, 120-KW-1, 120-KW-2, 120-KW-3 and 120-KW-4 waste sites was approved by DOE and EPA.
- The VSI for Area AG, Zone 1A waste sites 100-K-3, 100-K-47, and 100-K-56 is being drafted. Additional radiological field screening is being conducted to determine if focused samples are needed. Composite samples have been collected, analyzed and 3rd party validated. An additional walkdown with DOE and EPA will be conducted to finalize the design needs. Data already completed is being evaluated against the cleanup standards for protectiveness at this time. The VSI for Area AG, Zone 2 is being drafted. Field markers for preliminary sampling design have been placed in the zone. Radiological screening samples have been collected and are undergoing analysis. Building pipelines are being added into the sampling design as focused sample points at the buildings and in the excavation layback. An additional walkdown with DOE and EPA will be conducted to finalize the design needs.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

DOE and EPA will continue to meet to discuss facility demolition and waste site remediation scheduling per the integrated schedule revisions. To be scheduled by mid December.

DOE brief EPA on DPT results under the 105-KE reactor.

DOE provide EPA the cultural resource meeting schedule.

DOE will develop and provide a recommendation to EPA on the path forward for closure of Phase 1 waste sites in and around the KW Head House with respect to future revegetation of the area.

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

- The VSI for Area AA, Zone 4, 100-K-109 waste site was approved by DOE and EPA.
- The RSVP for Area AA, Zone 4, 100-K-109 waste site was approved by DOE and EPA.
- Completed interim backfilling for Area AA, Zone 4, 100-K-109 waste site.
- Completed interim backfilling for 100-K-4 waste site.
- An MOA for remediation work on the 100-K Eastern floodplain at 100-K-80, 100-K-81, 100-K-83, and 100-K-96 waste sites is under review by DOE and the Tribes.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

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M-016-00C Complete All Response Actions in The 100 K Area

Due 12/31/2020, DOE Lead Tom Teynor

- Demolition of 190-KW is approximately 90% complete.
- Asbestos removal at 165-KE continues.
- Demolition of 183.2 KE has begun, 35% complete.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

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M-016-178 Initiate deactivation of 105-KW Fuel Storage Basin

Due 12/31/2015, DOE Lead Steve Balone

Below water debris that will remain in the basin for removal as part of the basin substructure during demolition of the basin is being prepared for grouting by transloading the debris underwater into bins which includes an inspection for found fuel and removal of sludge from the internals of pumps once used for transferring sludge within the basin.

Schedule Status: On schedule.

Agreements, Commitments and Actions:

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MILESTONE	DESCRIPTION	DATE	OWNER	STATUS
M-093-22	Complete 105-KE Reactor Interim Safe Storage in Accordance with Remedial Design/Remedial Action Work Plan	7/31/2014	Ellen Dagan	On Schedule
M-093-26	Initiate 105-KW Reactor Interim Safe Storage	12/31/2015	Steve Balone	On Schedule
M-016-181	Complete Deactivation, Demolition, and Removal of 105-KW Fuel Storage Basin	9/30/2019	Steve Balone	On Schedule
M-093-27	Complete 105-KW Reactor Interim Safe Storage	12/31/2019	Steve Balone	On Schedule
M-016-186	Initiate Soil Remediation Under 105KW Fuel Storage Basin	12/31/2019	Steve Balone	On Schedule

ATTACHMENT 3

100K AREA PROJECT MANAGERS MEETING RESPONSE ACTION AGREEMENTS

- TPA-CN-412, DOE/RL-96-17 Revision 6, "*Remedial Design Report/Remedial Action Work Plan for the 100 Area*" was approved by DOE and EPA on November 8, 2011. This change notice moves waste sites 100-K-79 and 100-K-55 from Phase 1 into Phase 3 as a result of layback safety requirements and removing sludge from the 105-KW Basin. This change notice supersedes TPA-CN-320.

100K Area Removal Action Status (December 8, 2011)

Phase 1 M-016-053: December 31, 2012	Phase 2 M-016-143: December 31, 2015	Phase 3 (M-016-00C: December 31, 2020)
<p>110KW Gas Storage Facility 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

December 8, 2011

Phase 1 M-016-053: 12/31/2012		Phase 2 M-016-143: 12/31/2015		Phase 3 M-016-00C: 12/31/2020	M-016-057 (Initiate soil remediation at K East Basin)	Legend
100-K-1	100-K-71	100-K-1	120-KW-6	100-K-35	UPR-100-K-1	Excavation ongoing/ Additional remediation needed Failed CSNA Mixed Failed CSNA and RTD [Redacted] RSVP approved Backfill complete Revegetation complete Waste site listing is based on DOE/RL-97-16 TPA-CN-412
100-K-2	100-K-77	100-K-4	126-KE-2	100-K-43		
100-K-18	116-KE-1	100-K-5	130-K-2	100-K-47		
100-K-19	116-KE-3	100-K-13	130-KE-2	100-K-55		
100-K-34	116-KE-6A	100-K-14	130-KW-1	100-K-56		
100-K-36	116-KE-6B	100-K-25	130-KW-2	100-K-72		
100-K-37	116-KE-6C	100-K-27	132-KW-1	100-K-73		
100-K-38	116-KE-6D	100-K-48	1607-K1	100-K-74		
100-K-41	118-KE-2	100-K-49	1607-K2	100-K-75		
100-K-51	120-KW-1	100-K-54	1607-K4	100-K-79		
100-K-53	120-KW-2	100-K-56	1607-K5	100-K-80		
100-K-57	120-KW-3	100-K-60	1607-K6	100-K-81		
100-K-61	120-KW-4	100-K-61	100-K-94	100-K-82		
100-K-63	120-KW-5	100-K-66	100-K-96	116-K-3		
100-K-64	120-KW-7	100-K-67	100-K-97	116-KE-2		
100-K-68	130-KE-1	100-K-83	100-K-100	116-KW-2		
100-K-69	132-KE-1	116-KW-1	100-K-101	118-KW-1		
100-K-70	1607-K3	118-KW-2	100-K-102			
		120-KE-1	100-K-103			
		120-KE-2	100-K-104			
		120-KE-3	100-K-105			
		120-KE-4	100-K-106			
		120-KE-5	100-K-107			
		120-KE-6	100-K-108			
		120-KE-8	100-K-109			
		120-KE-9	100-K-110			

100K Waste Site Status as of December 8, 2011

Site Code	Site Names	TPA-CN-412	PMB Remedy	Document Authorizing RTD of a CSNA site	Waste Site Status	Action	Actionee	VSI Status	RSVP	Area	Backfill Completed
100-K-18	183-KW Caustic Neutralization Pit	Phase 1	RTD	N/A	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00368 (Area AA Z2) On hold		AA	
100-K-19	183-KW Caustic Soda Storage Tank Site	Phase 1	CSNA	RA-00134	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00368 (Area AA Z2) On hold		AA	
100-K-3	1706-KE Fish Pond Heat Exchanger Pit and Pump Pit, Water Studies Semi-Works	Phase 1	RTD	N/A	Additional excavation tied to 116-KE-3	Need funding	Wier	Pipeline partial closure in: RA-00408 (Area AG Z1A), RA-00407 (Area AG Z2). Drafting		AG	
100-K-34	183-KW Acid Neutralization Pit	Phase 1	RTD	N/A	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00368 (Area AA Z2) On hold		AA	
100-K-36	1706-KE Chemical Storage Facility Dry Well	Phase 1	CSNA	RA-00122	Field work complete	Issue VSI and Sample	Klages/Hammons	RA-00407 (Area AG Z2), Drafting		AG/AH	
100-K-37	1706-KE Sulfuric Acid Tank	Phase 1	CSNA	RA-00122	Closed			N/A	DOE/RL-2010-44	AH	N/A
100-K-38	100-K-38, 1706-KE Caustic Soda Tank	Phase 1	CSNA	RA-00122	Closed			N/A	DOE/RL-2010-44	AH	N/A
100-K-46	100-K-46, 119-KE French Drain, Drywell	Phase 1	CSNA	RA-00145	Field work complete	Issue VSI and Sample	Klages/Hammons	Drafting (Area AH)		AH	
100-K-53	100-K-53, 100-KE Glycol Heat Recovery Underground Pipelines	Phase 1	RTD	N/A	Field work complete, samples collected	Issue VSI	Klages	Drafting (Area AH)		AH	
100-K-56	100-K-56, 100-KE Reactor Cooling Water Effluent Underground Pipelines	Phase 1	RTD	N/A	Field work complete	Issue VSI and Sample	Klages/Hammons	Pipeline partial closure in: RA-00408 (Area AG Z1A), RA-00407 (Area AG Z2). Drafting		AG	
100-K-57	100-K-57, 107-KE Drainage Ditch	Phase 1	RTD	N/A	Not Started		Wier			AM	
100-K-6	Vacuum Pit, Cyclone Separator, 105-KE Vacuum Pit	Phase 1	CSNA	RA-00142	Field work complete	Issue VSI and Sample	Klages/Hammons	Drafting (Area AH)		AH	
100-K-62	100-K-62, 117-KE Filter Building	Phase 1	CSNA	RA-00136	Field work complete	Issue VSI and Sample	Klages/Hammons	Drafting (Area AH)		AH	
100-K-63	100-K-63, 100-KW Floodplain, 100-K Flood Plain Contamination Area	Phase 1	CSNA	RA-00085	Backfill complete, sample results are being validated due 12/30/2011	Complete validation	Hammons	RA-00401, Approved 9/28/2011		AJ	10/20/2011
100-K-64	100-KE Floodplain, 100-KE Flood Plain Contamination Area	Phase 1	CSNA	RA-00085	Not Started		Wier			AM	
100-K-68	100-K-68, 105-KE Pump Gallery and Catch Tank, D Sump	Phase 1	RTD	N/A	Additional excavation tied to 116-KE-3	Need funding	Wier			AG	
100-K-69	100-K-69, 105-KE Sump C	Phase 1	RTD	N/A	Additional excavation tied to 116-KE-3	Need funding	Wier			AG	
100-K-70	100-K-70, 105-KE Waste Storage Tank, Holding Tank	Phase 1	RTD	N/A	Additional excavation tied to 116-KE-3	Need funding	Wier			AG	
100-K-71	100-K-71, 105-KE Collection Box	Phase 1	RTD	N/A	Additional excavation tied to 116-KE-3	Need funding	Wier			AG	
100-K-77	100-K-77, Underground Railroad Ties Southeast of 1706KE	Phase 1	RTD	N/A	Closed			RA-00379, Approved 9/8/2011	DOE/RL-2011-105	AH	9/30/2011
116-KE-1	116-KE-1, 115-KE Condensate Crib	Phase 1	RTD	N/A	C-14 issue	Reactor restrains	Wier			AH	
116-KE-3	116-KE-3, 105-KE Storage Basin French Drain, 105-KE Fuel Storage Basin Sub-Basin Drainage Disposal System Crib	Phase 1	RTD	N/A	Well pipe needs to be cleaned out	Need funding	Wier			AG	
116-KE-6A	116-KE-6A, 1706-KE Condensate Collection Tank, 1706-KE Waste Treatment System	Phase 1	CSNA	RA-00121	Closed			N/A	DOE/RL-2010-42	AH	N/A
116-KE-6B	116-KE-6B, 1706-KE Evaporation Tank, 1706-KE Waste Treatment System	Phase 1	CSNA	RA-00121	Closed			N/A	DOE/RL-2010-42	AH	N/A
116-KE-6C	116-KE-6C, 1706-KE Waste Accumulation Tank, 1706-KE Waste Treatment System	Phase 1	CSNA	RA-00121	Closed			N/A	DOE/RL-2010-42	AH	N/A
116-KE-6D	116-KE-6D, 1706-KE Ion Exchange Column, 1706-KE Waste Treatment System	Phase 1	CSNA	RA-00121	Closed			N/A	DOE/RL-2010-42	AH	N/A
118-KE-2	118-KE-2, 105-KE Horizontal Control Rod Storage Cave	Phase 1	CSNA	RA-00149	Closed			N/A	DOE/RL-2010-50	AH	N/A
120-KW-1	120-KW-1, 183-KW Filter Water Facility Dry Well, 100-KW-1, 183-KW Acid Neutralization Pit, 100-K-17	Phase 1	RTD	N/A	Closed			RA-00358, Approved	DOE/RL-2011-113	AA	11/8/2011
120-KW-2	120-KW-2, 183-KW Filter Water Facility French Drain, 100-KW-2	Phase 1	RTD	N/A	Closed			RA-00358, Approved	DOE/RL-2011-113	AA	11/8/2011
120-KW-3	120-KW-3, 183-KW1 Sulfuric Acid Storage Tank	Phase 1	CSNA	RA-00134	Closed			RA-00358, Approved	DOE/RL-2011-113	AA	11/8/2011
120-KW-4	120-KW-4, 183-KW2 Sulfuric Acid Storage Tank	Phase 1	CSNA	RA-00134	Closed			RA-00358, Approved	DOE/RL-2011-113	AA	11/8/2011
120-KW-5	120-KW-5, 183-KW Sodium Dichromate Storage Tank	Phase 1	CSNA	RA-00134	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00368 (Area AA Z2) On hold		AA	
120-KW-7	120-KW-7, 183-KW Brine Pit, 183-KW Salt Dissolving Pits and Brine Pump Pit	Phase 1	CSNA	RA-00134	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00368 (Area AA Z2) On hold		AA	
130-KE-1	130-KE-1, 105-KE Emergency Diesel Oil Storage Tank, 105-KE Emergency Diesel Fuel Tank	Phase 1	CSNA	RA-00133	Closed			N/A	DOE/RL-2010-45	AH	N/A
132-KE-1	132-KE-1, 116-KE Reactor Exhaust Stack	Phase 1	CSNA	RA-00136	Field work complete	Issue VSI and Sample	Klages/Hammons	Drafting (Area AH)		AH	
1607-K3	1607-K3 Septic Tank and Associated Drain Field	Phase 1	RTD	N/A	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00371 (Area AA Z1) On hold		AA	

100K Waste Site Status as of December 8, 2011

Site Code	Site Names	TPA-CN-412	PMB Remedy	Document Authorizing RTD of a CSNA site	Waste Site Status	Action	Actionee	VSI Status	RSVP	Area	Backfill Completed
100-K-96	100-K-96, 100KE River Effluent Pipeline, 100KE River Line, River Line (East) from 116-K-3 Outfall	Phase 2	RTD	N/A	Drafting MOA for RTD	Need MOA	Wier/RL			AM	
100-K-1	100-K-1, 119-KW French Drain, 119-KW Exhaust Air Sample Building French Drain, 100-K-45	Phase 2	RTD	N/A	Not Started					AF	
100-K-100	100-K-100, Radioactive Material Area Remaining After 107-KW Basin Removal, 116-KW-3 Remaining Contaminated Soil and Items	Phase 2	RTD	N/A	Not Started					AF	
100-K-101	100-K-101, French Drains and Mercury Stained Soils near the 183KE Sedimentation Basin	Phase 2	RTD	N/A	Not Started					AB	
100-K-102	100-K-102, French Drains and Mercury Stained Soils near the 183KW Sedimentation Basin	Phase 2	RTD	N/A	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00371 (Area AA Z1) On hold		AA	
100-K-103	100-K-103, 1704-K and 1717-K Septic Systems, 1607-K4	Phase 2	RTD	N/A	Not Started					AF	
100-K-104	100-K-104, 166-KE French Drain	Phase 2	RTD	N/A	Not Started					AD	
100-K-105	100-K-105, Pit at Southeast Corner of 100K	Phase 2	RTD	N/A	Not Started					AF	
100-K-106	100-K-106, 182-K Fuel Oil Crib	Phase 2	RTD	N/A	Not Started					AD	
100-K-107	100-K-107, 1706-KE Abandoned Drain Field	Phase 2	RTD	N/A	Not Started					AF	
100-K-108	100-K-108, 1706-KE Septic System	Phase 2	RTD	N/A	Not Started					AF	
100-K-109	100-K-109, Unplanned Chemical Release near 183.1KW Head House, Yellow Stained Soil adjacent to 183.1KW Head House	Phase 2	RTD	N/A	Closed			RA-00361, Approved	DOE/RL-2011-114	AA	11/22/2011
100-K-110	Soil beneath 183.2-KW Flocculation and Sedimentation Basins; the 183.3-KW Sand Filter Basins	Phase 2	N/A	N/A	Removing pipeline from Zone 1	Remove pipe	Fox			AA	
100-K-13	100-K-13, French Drain West of the 166-KW Oil Storage Tank Facility	Phase 2	CSNA	RA-00144	Not Started					AC	
100-K-14	100-K-14, 183-KE Acid Neutralization Pit and Overflow French Drain	Phase 2	RTD	N/A	Not Started					AB	
100-K-25	100-K-25, 183-KE Caustic Neutralization Pit	Phase 2	CSNA	RA-00139	Not Started					AB	
100-K-27	100-K-27, 183-KE Caustic Soda Storage Tank Site	Phase 2	RTD	N/A	Not Started					AB	
100-K-4	100-K-4, 1706-KE Wet Fish Studies Ponds and Valve Pit	Phase 2	RTD	N/A	Closed			GC-SI-2010-0015, Approved	DOE/RL-2010-43	AG	
100-K-48	100-K-48, 100-KE Oil Contamination Areas	Phase 2	CSNA	RA-00147	Not Started					AF	
100-K-49	100-K-49, 100-KW Oil Contamination Area	Phase 2	CSNA	RA-00147	Not Started					AC	
100-K-5	100-K-5, 1705-KE French Drain	Phase 2	CSNA	RA-00146	Not Started					AD	
100-K-54	100-K-54, 100-KW Glycol Heat Recovery Underground Pipelines	Phase 2	RTD	N/A	Not Started					AF	
100-K-56	100-K-56, 100-KE Reactor Cooling Water Effluent Underground Pipelines (See Subsites)	Phase 2	RTD	N/A	Not Started					AF	
100-K-60	100-K-60, 1904-K Process Sewer (165-KW)	Phase 2	CSNA	RA-00148	Not Started					AC	
100-K-61	100-K-61, 117-KW Filter Building	Phase 2	CSNA	RA-00136	Not Started					AF	
100-K-66	100-K-66, 165-KW Power Control Building	Phase 2	CSNA	RA-00136	Not Started					AC	
100-K-67	100-K-67, 165-KE Power Control Building	Phase 2	CSNA	RA-00136	Not Started					AD	
100-K-83	100-K-83, 1904-K Spillway, 116-K-3, 1904-K Outfall Structure	Phase 2	CSNA	RA000149	Drafting MOA for RTD	Need MOA	Wier/RL			AM	
100-K-94	100-K-94, 1702-KE and 1702-KW Guard House Dry Wells	Phase 2	RTD	N/A	Not Started					AB	
100-K-97	100-K-97, 183-KW French Drain and Rail Spur Unplanned Release	Phase 2	RTD	N/A	Removing pipeline from Zone 1	Remove pipe	Fox	RA-00368 (Area AA Z2) On hold		AA	
100-K-98	100-K-98, 183-KE French Drain and Rail Spur Unplanned Release	Phase 2	RTD	N/A	Not Started					AB	
100-K-99	100-K-99, Radioactive Material Area Remaining After 107-KE Basin Removal, 116-KE-4 Contaminated Soil and Items	Phase 2	RTD	N/A	Not Started					AF	
116-KW-1	116-KW-1, 115-KW Condensate Crib	Phase 2	RTD	N/A	Not Started					AF	
118-KW-2	118-KW-2, 105-KW Horizontal Control Rod Storage Cave	Phase 2	RTD	N/A	Closed			N/A	DOE/RL-2011-95	AF	
120-KE-1	120-KE-1, 183-KE Filter Waste Facility Dry Well, 100-KE-1, 183-KE Filter Water Facility, 183-KE Acid Neutralization Pit, 100-K-26	Phase 2	RTD	N/A	Not Started					AB	
120-KE-2	120-KE-2, 183-KE Filter Waste Facility French Drain, 100-KE-2, 183 KE Filter Water Facility	Phase 2	RTD	N/A	Not Started					AB	
120-KE-3	120-KE-3, 100-KE-3, 183-KE Filter Water Facility Trench	Phase 2	CSNA	RA-00134	Not Started					AB	
120-KE-4	120-KE-4, 183-KE1 Sulfuric Acid Storage Tank	Phase 2	RTD	RA-00134	Not Started					AB	
120-KE-5	120-KE-5, 183-KE2 Sulfuric Acid Storage Tank	Phase 2	RTD	RA-00134	Not Started					AB	
120-KE-6	120-KE-6, 183-KE Sodium Dichromate Tank	Phase 2	CSNA	RA-00134	Not Started					AB	
120-KE-8	120-KE-8, 165-KE Brine Pit, 165-KE Brine Mixing Tank	Phase 2	CSNA	RA-00141	Not Started					AB	
120-KE-9	120-KE-9, 183-KE Brine Pit, 183-KE Salt Dissolving Pits and Brine Pump Pit	Phase 2	RTD	N/A	Not Started					AB	
120-KW-6	120-KW-6, 165-KW Brine Pit, 165-KW Brine Mixing Tank	Phase 2	CSNA	RA-00141	Not Started					AC	
126-KE-2	126-KE-2, 183-KE Liquid Alum Storage Tank #2	Phase 2	RTD	N/A	Not Started					AB	
130-K-2	130-K-2, 1717-K Waste Oil Storage Tank	Phase 2	CSNA	RA-00150	Not Started					AD	
130-KE-2	130-KE-2, 166-KE Oil Storage Tank	Phase 2	CSNA	RA-00136	Not Started					AD	
130-KW-1	130-KW-1, 105-KW Emergency Diesel Oil Storage Tank, 130-KW-1A/130-KW-1B Tanks, 105-KW Emergency Diesel Fuel Tank	Phase 2	CSNA	RA-00137	Not Started					AC	
130-KW-2	130-KW-2, 166-KW Oil Storage Tank	Phase 2	CSNA	RA-00136	Not Started					AC	
132-KW-1	132-KW-1, 116-KW Reactor Exhaust Stack	Phase 2	CSNA	RA-00136	Not Started					AF	
1607-K1	1607-K1, 1607-K1 Septic Tank and Associated Drain Field, 124-K-1, 1607-K1 Sanitary Sewer System, 1607-K1 Septic Tank	Phase 2	RTD	RA-00135	Not Started					AA	

100K Waste Site Status as of December 8, 2011

Site Code	Site Names	TPA-CN-412	PMB Remedy	Document Authorizing RTD of a CSNA site	Waste Site Status	Action	Actionee	VSI Status	RSVP	Area	Backfill Completed
1607-K2	1607-K2, 1607-K2 Septic Tank and Associated Drain Field, 124-KE-1, 1607-K2 Sanitary Sewer System, 1607-K2 Septic Tank	Phase 2	RTD	RA-00135	Not Started					AB	
1607-K4	1607-K4, 1607-K4 Septic Tank and Associated Drain Field, 124-K-2, 1607-K4 Sanitary Sewer System, 1607-K4 Septic Tank	Phase 2	RTD	N/A	Closed					AF	
1607-K5	1607-K5, 1607-K5 Septic Tank and Associated Drain Field, 124-KE-2, 1607-K5 Sanitary Sewer System, 1607-K5 Septic Tank	Phase 2	RTD	RA-00135	Not Started					AH	
1607-K6	1607-K6, 1607-K6 Septic Tank and Associated Drain Field, 124-KW-1, 1607-K6 Sanitary Sewer System, 1607-K6 Septic Tank	Phase 2	RTD	RA-00135	Not Started					AF	
100-K-35	100-K-35, 183-KF Acid Neutralization Pit	Phase 3	CSNA	RA-00139	Not Started					AB	
100-K-43	100-K-43, KW Basin, 105-KW Fuel Storage Basin, K West Basin, Irradiated Fissile Material Storage	Phase 3	RTD	N/A	Not Started					AE	
100-K-47	100-K-47, 1904-K Process Sewer	Phase 3	RTD	N/A	Additional remediation required			Pipeline partial closure in: RA-00408 (Area AG Z1A), Drafting		AG/AF/AE	
100-K-56	100-K-56, 100-KE Reactor Cooling Water Effluent Underground Pipelines (See Subsites)	Phase 3	RTD	N/A	Not Started					AE	
100-K-55	100-K-55, 100-KW Reactor Cooling Water Effluent Underground Pipelines (See Subsites)	Phase 3	RTD	N/A	Not Started					AE	
100-K-72	100-K-72, 105-KW Pump Gallery and Catch Tank, D Sump	Phase 3	RTD	N/A	Not Started					AE	
100-K-73	100-K-73, 105-KW Collection Box	Phase 3	RTD	N/A	Not Started					AE	
100-K-74	100-K-74, 105-KW Waste Storage Tank, Holding Tank	Phase 3	RTD	N/A	Not Started					AE	
100-K-75	100-K-75, 105-KW Sump C	Phase 3	RTD	N/A	Not Started					AE	
100-K-79	Sodium Dichromate and Sulfuric Acid Product Pipelines at 100-K	Phase 3	CSNA	RA-00134	Additional remediation required			Pipeline partial closure in: RA-00407 (Area AG Z2) drafting and RA-00368 (Area AA Z2) on hold		AA/AB/AF/AG	
100-K-80	100-K-80, 100K River Effluent Pipeline, 100K River Line, 116-K-3 Outfall Structure, 1908 K Outfall	Phase 3	RTD	N/A	Drafting MOA for RTD	Need MOA	Wier/RL			AM	
100-K-81	100-K-81, Contamination Area West of 116-K-3	Phase 3	RTD	N/A	Drafting MOA for RTD	Need MOA	Wier/RL			AM	
100-K-82	100-K-82, 105-KW Fuel Storage Basin Leak	Phase 3	CSNA	RA-00143	Not Started					AE	
116-K-3	116-K-3, 1904-K Outfall Structure, 1908-K Outfall Structure	Phase 3	RTD	N/A	Drafting MOA for RTD	Need MOA	Wier/RL			AM	
116-KE-2	116-KE-2, 1706-KER Waste Crib	Phase 3	RTD	N/A	Not Started					AF	
116-KW-2	116-KW-2, 105-KW Storage Basin French Drain, 105-KW Basin Reverse Well, 105-KW Fuel Storage Basin Sub-Basin Drainage Disposal System Crib	Phase 3	RTD	N/A	Not Started					AE	
118-KW-1	118-KW-1, 105-KW Reactor Building	Phase 3	CSNA	RA-00136	Not Started					AN	

100K Upcoming Documents for Regulator Approval

Priority	Status	Document Number	Description	Decisional Draft	Draft A	Rev 0	Project Need Date
100K Facility D4 Removal Actions							
	EPA approval not required. However, a copy will be provided for courtesy review/comment. Project need date not reflective of EPA review.	DOE/RL-2011-21	Removal Action Report for 1706-KE, 1706-KEL, 1706-KER				31-Dec-11
	EPA approval not required. However, a copy will be provided for courtesy review/comment. Project need date not reflective of EPA review.	DOE/RL-2011-71	Removal Action Report for 190-KE, 1724-KE, 1908-KE				31-Dec-11
	EPA approval not required. However, a copy will be provided for courtesy review/comment. Project need date not reflective of EPA review.	DOE/RL-2011-99	Removal Action Report for 190-KW				31-Dec-11
105KW & STP Remedial Actions							
4	tied to KOP processing to ensure EPA agreed upon approach for calculating sludge volumes (i.e., how much concentration average and what included - bay, pit individually, include walls, etc)	DOE/RL-2011-103	105-KW Basin SAP for Demolition Waste Characterization	Complete	15-Sep-11		1-Apr-12
1		DOE/RL-2010-63- Add 2, Rev 1	90% RDR Knock Out Pot Processing System & Sampling Analysis Plan	Complete	20-Oct-11		5-Jan-12
3	These documents and change notices will be bundled and provided to RL & EPA for review/approval as a package.	TPA-CN-487	DOE/RL-2011-52 KW Basin Deactivation - WMP reference update				Jan-12
		TPA-CN-488	DOE/RL-2011-53 KW Basin Demolition - WMP reference update				Jan-12
		TPA-CN-489	DOE/RL-2011-63 STP Phase 1 WMP reference update				Jan-12
		DOE/RL-2005-26 Rev 1	Removal Action Work Plan for 105-KE/KW Reactor & Ancillary Facilities - Revision 2 (TPA-CN incorporation & WMP update consistent with DOE/RL-2011-67)				Jan-12
		DOE/RL-2011-67	100K Waste Management Plan (replaces SNF-9430)				Jan-12
100K Waste Sites							
Verification Sample Instruction							
2			Area AG Zone 2		14-Dec-11		
2			Area AG Zone 1A		14-Dec-11		
			183.4KE Revised VSI				
			183.4KE/183.2KE Stockpile				
			Area AA Zone 1				
			Area AA Zone 2				
			183.2KE Revised VSI				
			Area AH				
			190KE / 190KW				
			183.4KW				
			RSVPs				
2			Area AG Zone 1A RSVP (send with VSI Area AG Zone 1A)		14-Dec-11		
			Area AA Zone 1				
			Area Aa Zone 2				
			Area AG Zone 2				
			183.4KE				
			183.4KW				