August 3, 2007

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE PRE-LICENSE APPLICATION PRESIDING OFFICER BOARD

In the Matter of	)	**Docket No. PAPO-00**
	)	
U.S. DEPARTMENT OF ENERGY	)	**ASLBP No. 04-829-01-PAPO**
	)	
(High Level Waste Repository:	)	
Pre-Application Matters)	)	

EXHIBITS TO THE DEPARTMENT OF ENERGY'S RESPONSE TO STATE OF NEVADA'S MOTION FOR DECLARATORY RULING

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DOE Exhibit 1

DOE Exhibit 1

	LA PRODUCT BASELINE														
No.	Title / Product ID	C= Completed N = New R = To Be Revised	LA = Referenced LAS = Supporting	Responsible Organization	P3 Activity ID	EPPR ID	Planned Start Date	Planned Finish Date	Actual Start Date	Actual Finish Date	Group #1 Surface Design	Group #2 Subsurface Design and Waste Package	Group #3 Preclosure Safety Analysis and Criticality	Group #4 Postclosure Analysis and Activities	Group #5 Programmatic
1	Basis of Design for the TAD Canister-Based Repository Design Concept	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
2	Bounding Characteristics of Credible Rockfalls of Preclosure Period. 800-00C-MGR0-00200-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
3	BSC Position on the Use of the ASME Boiler and Pressure Vessel Code for the Yucca Mountain Project Waste Packages. 000-30R-WIS0-00200-000-001.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
4	BWR Source Term Generation and Evaluation. 000-00C-MGR0-00200-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
5	Categorization of Event Sequences for License Application. 000-00C-MGR0-00800-000-00C.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
6	Civilian Radioactive Waste Management System Requirements Document. DOE/RW-0406, Rev. 06. Washington, D.C.: U.S. Department of Energy, Office of Civilian Radioactive Waste Management. ACC: DOC.20040929.0001.	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete		XX			
7	Compact Disk Containing Form RW-859 Nuclear Fuel Data File from Data Collected by the Energy Information Administration (EIA) on the Form RW-859 survey in 1999. Letter from J. Finucane (DOE) to W.Y. Yoon, March 6, 2003, with attachments. ACC: MOL.20031008	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
8	*Concurrence on Technical Baseline Compliance Document (TBCD), Revision 1* . Memorandum from C. Kouts (DOE/OCRWM) to J.M. McKenzie, December 13, 2002. ACC: MOL.20030610.0103.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
9	Design and Engineering, Emplacement Pallet Configuration. 000-M00-TEP0-00101-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
10	Design and Engineering, Emplacement Pallet Configuration. 000-M00-TEP0-00102-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
11	Design and Engineering, Emplacement Pallet—Short Configuration. 000-M00-SSE0-00201-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
12	Design and Engineering, Emplacement Pallet—Short Configuration. 000-M00-SSE0-00202-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
13	Disposal Criticality Analysis Methodology Topical Report. YMP/TR-004Q, Rev. 02.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
14	DOE SNF Phase I and II Summary Report. TDR-DSD-MD-000001 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
15	Drip Shield Statically Loaded by Backfill and Loose Rock Mass. 000-00C-TED0-00300-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
16	Enhanced Design Alternative II Report. B00000000-01717-5705-00131 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
17	ESF Layout Calculation. BABEAD000-01717-0200-00003 REV 04.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
18	Estimation of Mechanical Properties of Crushed Tuff for Use as Ballast Material in Emplacement Drifts. 800-CYC-SSE0-00100-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
19	Evaluation of Codisposal Viability for U-Metal (N Reactor) DOE-Owned Fuel. TDR-EDC-NU-000004 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
20	Evaluation of Codisposal Viability for U-Zr/U-Mo Alloy (Enrico Fermi) DOE-Owned Fuel. TDR-EDC-NU-000002 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
21	Evaluation of Codisposal Viability for UZrH (TRIGA) DOE-Owned Fuel. TDR-EDC-NU-000001 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
22	Evaluation of Emplacement Drift Stability for KTI Resolutions. 800-KMC-SSE0-00200-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
23	Evaluation of Fault Displacement Effects on Repository Openings. 800-K0C-WIS0-00300-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
24	Final Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada. DOE/EIS-0250. Washington, D.C.: U.S. Department of Energy, Office of Civilian Rad	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete		XX			
25	Final Version Description Document for the QAD-CGGP Computer Code, Version 1.0. A00000000-01717-2003-10002 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
26	Fire Protection Program. TDR-PF0-FP-000001 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
27	General Corrosion and Localized Corrosion of the Drip Shield. ANL-EBS-MD-000004 REV 02.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
28	Geologic Repository Operations Area Waste Stream Handling Process and Facilities Study. 000-30R-MGR0-00300-000 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
29	GS021008314224.002. Lithophysal Data Study from the TptpII in the ECRB from Stations 14+44 to 23+26. Submittal date: 01/28/2003.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
30	GS030808312231.004. Moisture Monitoring in the Exploratory Studies Facility (ESF) from August 2000 to July 2002. Submittal date: 09/26/2003.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
31	GS040108314224.001. Detailed Line Survey Data for Horizontal and Vertical Traverses, ECRB. Submittal date: 02/27/2004.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
32	GS990908314224.009. Detailed Line Survey Data for Horizontal and Vertical Traverses, ECRB. Submittal date: 09/16/1999.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
33	IED Waste Package Decay Heat Generation. 800-IED-WIS0-00701-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
34	Input Parameters for Ground Support Design. 800-K0C-TEG0-00500-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
35	Intact and Degraded Mode Criticality Calculations for the Codisposal of ATR Spent Nuclear Fuel in a Waste Package. CAL-DSD-NU-000007 REV 00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
36	Intact and Degraded Mode Criticality Calculations for the Codisposal of TMI-2 Spent Nuclear Fuel in a Waste Package. CAL-DSD-NU-000004 REV 00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
37	Inventory and Characteristics of Potential Repository Wastes. 000-00C-MGR0-01200-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
38	Longevity of Emplacement Drift Ground Support Materials . 800-K0C-TEG0-01200-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
39	MO0003MWDVUL03.002. VULCAN GFM 3.1 Representation. Submittal date: 03/07/2000.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
40	MO0007RIB00077.000. In Situ Rock Conditions. Submittal date: 07/18/2000.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
41	MO0012MWDGFM02.002. Geologic Framework Model (GFM2000). Submittal date: 12/18/2000.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
42	MO0303SPARESST.000. Residual Stress Failure Criteria for Seismic Damage Models of the Drip Shield and Waste Package. Submittal date: 03/04/2003.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
43	MO0306SDSAVDTH.000. Seismic Design Spectra and Acceleration, Velocity, and Displacement Time Histories for the Emplacement Level at 10-4 Annual Exceedance Frequency. Submittal date: 06/26/2003.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
44	MO0307MWDAC8MV.000. Analytical-La-Coarse-800M Ventilation. Submittal date: 07/15/2003.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			

45	MO0407SDARS104.001. Seismic Design Spectra (5% Damped) for the Emplacement Level (Point B) at 5 x 10-4 Annual Exceedance Frequency. Submittal date: 07/13/2004.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
46	MO0407TMHIS104.003. Acceleration, Velocity and Displacement Time Histories for the Emplacement Level (Point B) at 5 × 104 Annual Exceedance Frequency. Submittal date: 07/15/2004.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
47	Naval Waste Package Drop with Emplacement Pallet. 000-00C-DNF0-00100-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
48	Performance Confirmation Plan. TDR-PCS-SE-000001 REV 05.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
49	Physical Descriptions of LWR Fuel Assemblies. Volume 3 of Characteristics of Spent Fuel, High-Level Waste, and Other Radioactive Wastes Which May Require Long-Term Isolation. DOE/RW-0184. Washington, D.C.: U.S. Department of Energy, Office of Civilian Rad	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
50	Postclosure Modeling and Analyses Design Parameters. TDR-MGR-MD-000037 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
51	Potential Loss of Subsurface Isolation Barrier and Consequence Analysis. 800-KMC-VU00-00200-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
52	Preclosure Seismic Design Methodology for a Geologic Repository at Yucca Mountain. TDR-WHS-MD-000004 REV 01.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
53	Probabilistic Seismic Hazard Analyses for Fault Displacement and Vibratory Ground Motion at Yucca Mountain, Nevada. Milestone SP32IM3, September 23, 1998. Three volumes.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
54	Project Design Criteria Document. 000-3DR-MGR0-00100-000 REV 005.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
55	Prototype Procurement Strategy for Waste Packages, Pallets, and Drip Shields. 000-30R-WIS0-00500-000-002.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
56	PWR and BWR Source Term Sensitivity Study. 000-00C-MGR0-00300-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
57	PWR Source Term Generation and Evaluation. 000-00C-MGR0-00100-000-00B.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
58	Radiological Releases Due to Air and Silica Dust Activation in Emplacement Drifts. 800-00C-EBS0-00100-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
59	Recommended Surface Contamination Levels for Waste Packages Prior to Placement in the Repository. 000-30R-OSS0-00100-000-000.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
60	Repository Design, Drip Shield Envelope Dimensions. 000-M00-PEC0-00101-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
61	Repository Design, Drip Shield Envelope Dimensions. 000-M00-PEC0-00102-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
62	Repository Twelve Waste Package Segment Thermal Calculation. 800-00C-WIS0-00100-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
63	Selection Guide for Materials, Components, and Equipment in Radioactive Environments. 000-30R-MGR0-00100-000-000.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
64	Shielding Calculation for Emplacement Operations and Subsurface Layout. CAL-SFS-NU-000001 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
65	SNF37100195002.001. Hydraulic Fracturing Stress Measurements in Test Hole: ESF-AOD-HDFR1, Thermal Test Facility, Exploratory Studies Facility at Yucca Mountain. Submittal date: 12/18/1996.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
66	Software Code: ANSYS. V 8.0. HP-UX 11.0. STN: 10364-8.0-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
67	Software Code: FLAC. V4.0. PC WINDOWS 2000/NT 4.0. STN: 10167-4.0-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
68	Software Code: FLAC3D. V2.1. PC WINDOWS 2000/NT 4.0. STN: 10502-2.1-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
69	Software Code: GT STRUDL. V26. PC, Windows 2000. STN: 10829-26-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
70	Software Code: LS-DYNA. V.970.3858 D MPP. HP Itanium2, HP-UX 11.22. STN: 10300-970.3858 D MPP-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
71	Software Code: MCNP. V4B2LV. PC, Windows 2000. STN: 10437-4B2LV-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
72	Software Code: PATH. V88A. PC, Windows 2000. STN: 10950-88A-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
73	Software Code: SCALE. V4.4A. HP. STN: 10129-4.4A-00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
74	Subsurface General Construction Analysis. BAB000000-01717-0200-00148 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
75	Subsurface General Construction. BAB000000-01717-6300-01501 REV 08.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
76	Subsurface Mechanical Engineering Design Services Report, Exhibit D—Task Order #2, Emplacement Tunnel. Report 3.106.11.04.1. Golden, Colorado: Colorado School of Mines, Department of Mining Engineering. ACC: ENG.20050324.0003.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
77	Summary Report of Commercial Reactor Criticality Data for Quad Cities Unit 2. B00000000-01717-5705-00096 REV 01.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
78	TBV-361 Resolution Analysis: Emplacement Drift Orientation. B00000000-01717-5705-00136 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
79	Thermal Calculation for Off-Normal Scenarios. 800-K0C-WIS0-00500-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
80	Thermal Management Analysis for Lower-Temperature Designs. ANL-SFS-MG-000005 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
81	U.S. Department of Energy Spent Nuclear Fuel Canister Survivability. 000-PSA-WHS0-00100-000-000 REV 00.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
82	Underground Layout Configuration. 800-P0C-MGR0-00100-000-00E.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
83	Ventilation Model and Analysis Report. ANL-EBS-MD-000030 REV 04.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
84	Waste Acceptance System Requirements Document. DOE/RW-0351, Rev. 4. Washington, D.C.: U.S. Department of Energy, Office of Civilian Radioactive Waste Management. ACC: MOL.20020326.0056.	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete		XX			
85	Waste Package Design Sensitivity Report. TDR-EBS-MD-000008 REV 01. Las Vegas, Nevada: Bechtel SAIC Company. ACC: MOL.20010313.0506.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
86	Waste Package Emplacement Pallet Fabrication Specification. 000-3SS-TEP0-00100-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
87	Preliminary Transportation, Aging, and Disposal Canister System Performance Specification, Rev A. DOE/RW-0585.	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete		XX			
88	Drip Shield Structural Response to Rock Fall. 000-00C-SSE0-00300-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete		XX			
89	2002 Waste Stream Projections Report. TDR-CRW-SE-000022 REV 01.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
90	Analysis of Critical Benchmark Experiments and Critical Limit Calculation for DOE SNF. CAL-DSD-NU-000003 REV 00A.	C	LA	SNL	N/A	N/A	Complete	Complete	Complete	Complete			XX		
91	Ash Fall Hazard for North Portal Operations Area Facilities. CAL-WHS-GS-000001 REV 00A.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
92	Basic Wind Speed Estimate. ANL-MGR-MM-000002 REV 00.	C	LA	BSC ES&H	N/A	N/A	Complete	Complete	Complete	Complete			XX		
93	BWR Source Term Generation and Evaluation. 000-00C-MGR0-00200-000-00A.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
94	Characterize Framework for Igneous Activity at Yucca Mountain, Nevada. ANL-MGR-GS-000001 REV 02.	C	LA	SNL	N/A	N/A	Complete	Complete	Complete	Complete			XX		
95	Civilian Radioactive Waste Management System Requirements Document. DOE/RW-0406, Rev. 6.	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete			XX		

~~96~~	~~Commercial Spent Nuclear Fuel Waste Package Misload Analysis. CAL-WHS-MD-000003 Rev 00A.~~	~~C~~	~~LA~~	~~BSC L&NS~~	~~N/A~~	~~N/A~~	~~Complete~~	~~Complete~~	~~Complete~~	Complete			~~XX~~		
97	Criticality Model. CAL-DS0-NU-000003 REV 00A.	C	LA	SNL	N/A	N/A	Complete	Complete	Complete	Complete			XX		
98	Criticality Potential of Intact DOE SNF Canisters in a Misloaded Dry Waste Package. CAL-DSD-NU-000008 REV 00A.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
99	Final Version Description Document for the QAD-CGGP Computer Code, Version 1.0. A00000000-01717-2003-10002 REV 00.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
100	Industrial/Military Activity-Initiated Accident Screening Analysis. ANL-WHS-SE-000004 REV 01.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
101	Initial Radionuclide Inventories. ANL-WIS-MD-000020 REV 01.	C	LA	SNL	N/A	N/A	Complete	Complete	Complete	Complete			XX		
102	New documents for the qualification and application of the GENII Version 2 computer code	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
103	New documents for the qualification and application of the LOCADOSE computer code	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
104	Project Design Criteria Document. 000-3DR-MGR0-00100-000 REV 006.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete			XX		
105	PWR Source Term Generation and Evaluation. 000-00C-MGR0-00100-000-00B.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete			XX		
106	Radulescu, H.; Moscalu, D.; and Saglam, M. 2004. DOE SNF Phase I and II Summary Report. TDR-DSD-MD-000001 REV 00.	C	LA	SNL	N/A	N/A	Complete	Complete	Complete	Complete			XX		
107	Software Code: MCNP. V4B2LV. HP, HPUX 9.07 and 10.20; PC, Windows 95; Sun, Solaris 2.6. CSCI: 30033 V4B2LV.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
108	Software Qualification Report for MCNP Version 4B2, A General Monte Carlo N-Particle Transport Code. CSCI: 30033 V4B2LV. DI: 30033-2003, Rev. 01.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
109	Subsurface Shielding Source Term Specification Calculation. 000-00C-WER0-00100-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete			XX		
110	Preliminary Transportation, Aging, and Disposal Canister System Performance Specification, DOE/RW-0585	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete			XX		
111	Wildfire Exposure Calculation. 000-00C-MGR0-00400-000-00A.	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete			XX		
112	YMP (Yucca Mountain Site Characterization Project) 2003. Disposal Criticality Analysis Methodology Topical Report. YMP/TR-004Q, Rev. 02.	C	LA	SNL	N/A	N/A	Complete	Complete	Complete	Complete			XX		
113	Yucca Mountain Site Characterization Project Requirements Document (YMP-RD). YMP/CM-0025, Rev. 4, DCN 02.	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete			XX		
114	Yucca Mountain Site Description. TDR-CRW-GS-000001 REV 02 ICN 01. Two volumes.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
115	Users Manual for SCALE-4.4A. 10129-UM-4.4A-00. Las Vegas, Nevada	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
~~116~~	~~Commercial Spent Nuclear Fuel Waste Package Misload Analysis. CAL-WHS-MD-000003 REV 00A.~~	~~C~~	~~LA~~	~~BSC L&NS~~	~~N/A~~	~~N/A~~	~~Complete~~	~~Complete~~	~~Complete~~	Complete			~~XX~~		
~~117~~	~~Isotopic Model for Commercial SNF Burnup Credit. CAL-DSU-NU-000007 REV 00B.~~	~~C~~	~~LA~~	~~BSC L&NS~~	~~N/A~~	~~N/A~~	~~Complete~~	~~Complete~~	~~Complete~~	Complete			~~XX~~		
~~118~~	~~HLW/DOE SNF Codisposal Waste Package Design Report. 000-00C-DS00-00600-000-00B.~~	~~C~~	~~LA~~	~~BSC L&NS~~	~~N/A~~	~~N/A~~	~~Complete~~	~~Complete~~	~~Complete~~	Complete			~~XX~~		
119	Summary Report of Commercial Reactor Critical Analyses Performed for the Disposal Criticality Analysis Methodology. B00000000-01717-5705-00075 REV 01.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
120	Summary Report of Laboratory Critical Experiment Analyses Performed for the Disposal Criticality Analysis Methodology. B00000000-01717-5705-00076 REV 02.	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
121	Reactor Record Uncertainty Determination. 32-5041666-02 and 32-5041666-03	C	LA	BSC L&NS	N/A	N/A	Complete	Complete	Complete	Complete			XX		
122	Basis of Design for the TAD Canister-Based Repository Design Concept. 000-3DR-MGR0-00300-000-000	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete					XX
123	Hazards Analysis System. Washington, D.C.: U.S. Department of Energy, Office of Civilian Radioactive Waste Management.	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete					XX
124	March 2006 legislation related to Yucca Mountain	C	LA	DOE	N/A	N/A	Complete	Complete	Complete	Complete					XX
125	Project Design Criteria Document. 000-3DR-MGR0-00100-000	C	LA	BSC RPM	N/A	N/A	Complete	Complete	Complete	Complete					XX
126	Drift Degradation Analysis. ANL-EBS-MD-000027 REV 03.	C	LA	SNL	N/A	NA	Complete	Complete	Complete	Complete			XX		
~~127~~	~~21 PWR Waste Package with Absorber Plates Loading Curve Evaluation. CAL-DSU-NU-000006 REV 00C.~~	~~C~~	~~LA~~	~~SNL~~	~~Work Package S31019~~	~~NA~~	~~Complete~~	~~Complete~~	~~Complete~~	Complete			~~XX~~		
~~128~~	~~44 BWR Waste Package Loading Curve Evaluation. CAL-DSU-NU-000008 REV 00A.~~	~~C~~	~~LA~~	~~SNL~~	~~Work Package S31019~~	~~NA~~	~~Complete~~	~~Complete~~	~~Complete~~	Complete			~~XX~~		
129	Project Design Criteria	C	LA	BSC RPM	Note 4	Note 4	Complete	Complete	Complete	Complete	XX				
130	Prelim Throughput Analysis - WHF	N	LAS	BSC RPM	RPHS1000	WFSC1000	03-Jan-06	21-Apr-06	07-Nov-06	28-Mar-07	XX				
131	Radiation Calculations for Release of Unloaded Casks	C	LA	BSC RPM	RPHN0025	WFNC2064	03-Jan-06	17-May-06	3-Jan-06	17-Feb-06					XX
132	Recommended Values for HLW Glass Waste for consistent usage on the Yucca Mountain Project	N	LA	BSC RPM	RPCCP005	W2NA0005	25-Apr-06	18-May-06	25-Apr-06	30-Mar-07		XX	X		
~~133~~	~~FP Fire Screening Calc for ILA0~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPUW3480~~	~~DGWC3480~~	~~27-Mar-06~~	~~19-May-06~~	~~29-Jan-07~~		~~XX~~		~~X~~		
134	Con Ops Document Existing Concepts	C	LAS	BSC RPM	RP1A0314	P0AR0003	10-May-06	07-Jun-06	10-May-06	05-Jun-06		XX			
135	Con Ops Document Existing Concepts	C	LAS	BSC RPM	RP1A0317	P0AR0004	10-May-06	07-Jun-06	10-May-06	05-Jun-06		XX			
136	ALARA Review Shielded Canister Transfer	C	LA	BSC RPM	RP7N1000	C1NA1011	12-May-06	23-Jun-06	15-May-06	10-Jul-06					XX
137	WPLOAD Qualification Package	C	LAS	BSC RPM	RPWB0310	W2DT0003	03-Oct-05	23-Jun-06	18-Jul-05	23-Jun-06		XX			
138	Evaluation of 200 deg. temperature effects on e-drifts	C	LAS	BSC RPM	RP1G0105	P0GR0003	27-Feb-06	29-Jun-06	27-Feb-06	21-Aug-06		XX			
139	Dose Rate Calculation for Subsurface Ventilation Isolation Barrier - 800-00C-SS00-00400-000-00A	C	LA	BSC RPM	RP1N0090	P0NC0090	06-Feb-06	30-Jun-06	6-Feb-06	29-Nov-06		XX			
140	Toppling of Unsupported Waste Package (MD)	C	LAS	BSC RPM	RPWB6008	W2DC0029	03-Oct-05	03-Jul-06	08-Jun-05	07-Aug-06		XX			
141	Ventilation Network Parameter for LA	C	LAS	BSC RPM	RP1H0380	P0HC0008	03-Oct-05	31-Jul-06	03-May-05	10-Nov-06		XX			
142	MH-CRCF, Block Flow Diagram Level 2 LA0 Sheet 1	C	LA	BSC RPM	RP7K1205	C1KD0110	18-Jul-06	14-Aug-06	02-May-06	17-Nov-06	XX		X		
~~143~~	~~MH-CRCF, Block Flow Diagram Level 2 LA0 Sheet 2~~	~~C~~	~~LAS~~	~~BSC RPM~~	~~RP7K1205~~	~~C1KD0111~~	~~18-Jul-06~~	~~14-Aug-06~~	~~02-May-06~~	~~17-Nov-06~~	~~XX~~		~~X~~		
144	MH-WHF, BFD L1	C	LA	BSC RPM	RPHK1200	WFKD1200	19-Jun-06	14-Aug-06	02-May-06	01-Nov-06	XX		X		
145	Closure and Sealing Rev c Calculation	C	LAS	BSC RPM	RP1A0520AA	P0AC0001	19-Dec-05	16-Aug-06	19-Dec-05	16-Aug-06		XX			
146	Closure and Sealing Rev c Drawing 1	C	LAS	BSC RPM	RP1A0520AA	P0AD0001	19-Dec-05	16-Aug-06	19-Dec-05	16-Aug-06		XX			
147	Closure and Sealing Rev c Drawing 2	C	LAS	BSC RPM	RP1A0520AA	P0AD0002	19-Dec-05	16-Aug-06	19-Dec-05	16-Aug-06		XX			
148	Closure and Sealing Rev c Drawing 3	C	LAS	BSC RPM	RP1A0520AA	P0AD0003	19-Dec-05	16-Aug-06	19-Dec-05	16-Aug-06		XX			
149	Closure and Sealing Rev c Drawing 4	C	LAS	BSC RPM	RP1A0520AA	P0AD0004	19-Dec-05	16-Aug-06	19-Dec-05	16-Aug-06		XX			
150	Closure and Sealing Rev c Drawing 5	C	LAS	BSC RPM	RP1A0520AA	P0AD0005	19-Dec-05	16-Aug-06	19-Dec-05	16-Aug-06		XX			
151	Resolution of Data Issue CR 6288	C	LAS	BSC RPM	RP1G0545	P0GA0024	19-Dec-05	16-Aug-06	19-Dec-05	05-Dec-06		XX			
152	Con Ops LP-2.14 Review Process	C	LAS	BSC RPM	RP1A0319	P0AR0005	22-Jun-06	18-Aug-06	10-Jul-06	20-Oct-06		XX			
153	Hydrologic Engineering Studies for the North Portal Pad and Vicinity.	R	LAS	BSC RPM	RPCC1450	SPCC0002	01-May-06	22-Aug-06	11-Dec-06		XX				X
154	MH-WHF, BFD L2	C	LA	BSC RPM	RPHK1205	WFKD1205	02-May-06	23-Aug-06	02-May-06	17-Nov-06	XX		X		
155	Emplacement and Retrieval Off Normal Retrieval Operations	C	LAS	BSC RPM	RP6K2150	ERKR0021	07-Mar-06	25-Aug-06	7-Mar-06	29-Sep-06		XX			
156	Prelim Finite Element Model of CCCF	C	LAS	BSC RPM	RPYL5705	CCLC0001	03-Oct-05	28-Aug-06	17-Jan-05	01-Nov-06	XX				
157	CRCF Soil Spring Calculations	C	LA	BSC RPM	RP7L1010	C1LC0001	14-Jul-06	12-Sep-06	02-Aug-06	28-Nov-06	XX				
158	CRCF Mass Properties Calculations	C	LA	BSC RPM	RP7L1000	C1LC0002	14-Jul-06	12-Sep-06	12-Jul-06	21-Nov-06	XX				
159	ALARA Review Horizontal Transfer of TADs into WP	C	LA	BSC RPM	RP7N1003	C1NA1013	01-Aug-06	12-Sep-06	31-Jul-06	06-Sep-06					XX
160	WHF Mass Properties Calculation 1	N	LA	BSC RPM	RPHL1000	WFLC0002	15-Aug-06	19-Sep-06	02-Aug-06	05-Feb-07	XX				

161	WHF Soils Spring Calculation	N	LA	BSC RPM	RPHL1010	WFLC0003	15-Aug-06	19-Sep-06	07-Aug-06	14-Feb-07	XX				
162	WHF Soils Spring Calculation	N	LA	BSC RPM	RPHL1010	WFLC0004	15-Aug-06	19-Sep-06	07-Aug-06	14-Feb-07	XX				
163	Waste Package Closure Cell Robotic Manipulator Arms	C	LA	BSC RPM	RPKBRS170	See Note 1	07-Aug-06	25-Sep-06	07-Aug-06	25-Sep-06	XX				
164	Update Shielding Calc for New Entrance Vestibule	C	LA	BSC RPM	RP7N1011	C1NC2011	23-Feb-06	28-Sep-06	14-Feb-06	06-Sep-06					XX
165	Seismic Analysis and Design Approach Doc	N	LA	BSC RPM	RP7L0150	C1LC0004	14-Jul-06	29-Sep-06	02-May-06	18-Dec-06	XX				
166	Initial Rad Shield/Dose Rate Shield Canistr Tran	N	LA	BSC RPM	RP7N1007	C1NC2012	17-Jul-06	29-Sep-06	31-Jul-06	28-Mar-07					XX
167	Preclosure Seismic Design Methodology for a Geologic Repository at Yucca Mountain	C	LA	BSC RPM	PAD610	Note 2	#N/A	29-Sep-06	#N/A	30-Nov-06	XX				
168	Receipt Facility Soil Spring Calculations	N	LA	BSC RPM	RPJL1010	RFLC0001	01-Sep-06	29-Sep-06	28-Aug-06	18-Jan-07	XX				
169	Receipt Facility Tornado Missile Calculation	N	LA	BSC RPM	RPJL1030	RFLC0003	01-Sep-06	29-Sep-06	12-Sep-06	24-Mar-07	XX				
170	MH-WHF, BFD L3 Sheet 1	C	LAS	BSC RPM	RPHK1210	WFKD1210	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
171	MH-WHF, BFD L3 Sheet 2	C	LAS	BSC RPM	RPHK1210	WFKD1211	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
172	MH-WHF, BFD L3 Sheet 3	C	LAS	BSC RPM	RPHK1210	WFKD1212	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
173	MH-WHF, BFD L3 Sheet 4	C	LAS	BSC RPM	RPHK1210	WFKD1213	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
174	MH-WHF, BFD L3 Sheet 5	C	LAS	BSC RPM	RPHK1210	WFKD1214	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
175	MH-WHF, BFD L3 Sheet 6	C	LAS	BSC RPM	RPHK1210	WFKD1215	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
176	MH-WHF, BFD L3 Sheet 7	C	LAS	BSC RPM	RPHK1210	WFKD1216	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
177	MH-WHF, BFD L3 Sheet 8	C	LAS	BSC RPM	RPHK1210	WFKD1217	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
178	MH-WHF, BFD L3 Sheet 9	C	LAS	BSC RPM	RPHK1210	WFKD1218	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
179	MH-WHF, BFD L3 Sheet 10	C	LAS	BSC RPM	RPHK1210	WFKD1219	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
180	MH-WHF, BFD L3 Sheet 11	C	LAS	BSC RPM	RPHK1210	WFKD1220	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
181	MH-WHF, BFD L3 Sheet 12	C	LAS	BSC RPM	RPHK1210	WFKD1221	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
182	MH-WHF, BFD L3 Sheet 13	C	LAS	BSC RPM	RPHK1210	WFKD1222	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
183	MH-WHF, BFD L3 Sheet 14	C	LAS	BSC RPM	RPHK1210	WFKD1223	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
184	MH-WHF, BFD L3 Sheet 15	C	LAS	BSC RPM	RPHK1210	WFKD1224	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
185	MH-WHF, BFD L3 Sheet 16	C	LAS	BSC RPM	RPHK1210	WFKD1225	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
186	MH-WHF, BFD L3 Sheet 17	C	LAS	BSC RPM	RPHK1210	WFKD1226	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
187	MH-WHF, BFD L3 Sheet 18	C	LAS	BSC RPM	RPHK1210	WFKD1227	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
188	MH-WHF, BFD L3 Sheet 19	C	LA	BSC RPM	RPHK1210	WFKD1228	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
189	MH-WHF, BFD L3 Sheet 20	C	LA	BSC RPM	RPHK1210	WFKD1229	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
190	MH-WHF, BFD L3 Sheet 21	C	LA	BSC RPM	RPHK1210	WFKD1230	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
191	MH-WHF, BFD L3 Sheet 22	C	LA	BSC RPM	RPHK1210	WFKD1231	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
192	MH-WHF, BFD L3 Sheet 23	C	LA	BSC RPM	RPHK1210	WFKD1232	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
193	MH-WHF, BFD L3 Sheet 24	C	LA	BSC RPM	RPHK1210	WFKD1233	13-Jun-06	29-Sep-06	13-Jun-06	15-Dec-06	XX		X		
194	TAD Source Terms/Dose Rates Reqmnts	C	LA	BSC RPM	RPHN1000	WFNC2066	31-Jan-06	29-Sep-06	14-Feb-06	06-Sep-06		XX			
195	Single Line Sketch - Normal Power	N	LAS	BSC RPM	RP7E1200	C1ED0039	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
196	Single Line Sketch - 480 V MCC 01A	N	LAS	BSC RPM	RP7E1200	C1ED0040	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
197	Single Line Sketch - 480 V MCC 01B	N	LAS	BSC RPM	RP7E1200	C1ED0041	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
198	Single Line Sketch - 480 V MCC 01C	N	LAS	BSC RPM	RP7E1200	C1ED0042	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
199	Single Line Sketch - 480 V MCC 01D	N	LAS	BSC RPM	RP7E1200	C1ED0043	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
200	Single Line Sketch - Normal UPS Inverter	N	LAS	BSC RPM	RP7E1200	C1ED0044	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
201	Single Line Sketch - 480 V MCC ITS A	N	LAS	BSC RPM	RP7E1200	C1ED0045	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
202	Single Line Sketch - 480 V MCC ITS B	N	LAS	BSC RPM	RP7E1200	C1ED0046	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
203	Single Line Sketch - 480 V UPS Inverter ITS A	N	LAS	BSC RPM	RP7E1200	C1ED0047	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
204	Single Line Sketch - 480 V UPS Inverter ITS B	N	LAS	BSC RPM	RP7E1200	C1ED0048	09-Aug-06	03-Oct-06	28-Aug-06	04-Oct-06	XX		X		
205	MH-IHF Block Flow Diagrams Level 2 ILA0	N	LA	BSC RPM	RP5K1205	LCKD1205	07-Jul-06	06-Oct-06	01-May-06	17-Nov-06	XX		X		
206	Emplacement Drift Steel Invert Calc Rev A	N	LAS	BSC RPM	RP1C0110	P0LC0045	04-Aug-06	06-Oct-06	01-Oct-04	30-Jun-06		XX			
207	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 1	N	LAS	BSC RPM	RP7K1210	C1KD0120	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
208	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 2	N	LAS	BSC RPM	RP7K1210	C1KD0121	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
209	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 3	N	LAS	BSC RPM	RP7K1210	C1KD0122	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
210	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 4	N	LAS	BSC RPM	RP7K1210	C1KD0123	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
211	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 5	N	LAS	BSC RPM	RP7K1210	C1KD0124	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
212	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 6	N	LAS	BSC RPM	RP7K1210	C1KD0125	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
213	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 7	N	LAS	BSC RPM	RP7K1210	C1KD0126	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
214	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 8	N	LAS	BSC RPM	RP7K1210	C1KD0127	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
215	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 9	N	LAS	BSC RPM	RP7K1210	C1KD0128	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
216	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 10	N	LAS	BSC RPM	RP7K1210	C1KD0129	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
217	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 11	N	LAS	BSC RPM	RP7K1210	C1KD0130	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
218	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 12	N	LAS	BSC RPM	RP7K1210	C1KD0131	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
219	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 13	N	LAS	BSC RPM	RP7K1210	C1KD0132	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
220	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 14	N	LAS	BSC RPM	RP7K1210	C1KD0133	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
221	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 15	N	LAS	BSC RPM	RP7K1210	C1KD0134	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
222	MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 16	N	LAS	BSC RPM	RP7K1210	C1KD0135	15-Aug-06	10-Oct-06	30-Jun-06	15-Dec-06	XX		X		
~~223~~	~~MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 17~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7K1210~~	~~C1KD0136~~	~~15-Aug-06~~	~~10-Oct-06~~	~~30-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
~~224~~	~~MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 18~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7K1210~~	~~C1KD0137~~	~~15-Aug-06~~	~~10-Oct-06~~	~~30-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
~~225~~	~~MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 19~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7K1210~~	~~C1KD0138~~	~~15-Aug-06~~	~~10-Oct-06~~	~~30-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
~~226~~	~~MH-CRCF, Block Flow Diagram Level 3 LA0 Sheet 20~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7K1210~~	~~C1KD0139~~	~~15-Aug-06~~	~~10-Oct-06~~	~~30-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
227	MH CRCF MEE Canister Transfer Machine ILA0	N	LA	BSC RPM	RP7K1305	C1KD1305	18-Jul-06	10-Oct-06	28-Aug-06	17-Nov-06	XX		X		
228	MH CRCF MEE Cask Trolley ILA0, Sheet 1	N	LA	BSC RPM	RP7K1380	C1KD1380	18-Jul-06	10-Oct-06	28-Aug-06	16-Jan-07	XX		X		
229	MH CRCF MEE Cask Trolley ILA0, Sheet 2	N	LA	BSC RPM	RP7K1380	C1KD1381	18-Jul-06	10-Oct-06	28-Aug-06	16-Jan-07	XX		X		
~~230~~	~~MH CRCF MEE Cask Trolley ILA0, Sheet 3~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP7K1380~~	~~C1KD1382~~	~~18-Jul-06~~	~~10-Oct-06~~	~~28-Aug-06~~		~~XX~~		~~X~~		
231	MH CRCF, P&IDs, Transfer Cell Doors, ILA0	N	LA	BSC RPM	RP7K1420	C1KD1420	07-Jun-06	10-Oct-06	22-Nov-06	19-Mar-07	XX		X		
232	MH CRCF, P&IDs, Closure Cell Doors, ILA0	N	LA	BSC RPM	RP7K1420	C1KD1421	07-Jun-06	10-Oct-06	22-Nov-06	19-Mar-07	XX		X		
233	MH CRCF, P&IDs, Cask & WP Port Slidegates, ILA0	N	LA	BSC RPM	RP7K1420	C1KD1422	07-Jun-06	10-Oct-06	22-Nov-06	19-Mar-07	XX		X		
234	MH CRCF, P&IDs, DOE Canister & TAD Slidegates, ILA0	N	LA	BSC RPM	RP7K1420	C1KD1423	07-Jun-06	10-Oct-06	22-Nov-06	19-Mar-07	XX		X		
235	Receipt Facility Mass Properties Calculations	N	LAS	BSC RPM	RPJL1008	RFLC0002	01-Sep-06	13-Oct-06	28-Aug-06	08-Dec-06	XX				
236	MH-AGING Block Flow Diagrams Level 2 ILA0	N	LA	BSC RPM	RPSK1205	A1KD1205	22-Aug-06	17-Oct-06	31-Jul-06	17-Nov-06	XX		X		
237	CRCF Tornado Missile Calculation	N	LA	BSC RPM	RP7L1030	C1LC0003	13-Sep-06	18-Oct-06	16-Jun-06	23-Feb-07	XX				
238	MH-RF, Block Flow Diagrams Level 2 IFLA Sheet 1	N	LA	BSC RPM	RPJK1205	RFKD0200	01-May-06	18-Oct-06	15-Jun-06	17-Nov-06	XX		X		
239	MH-RF, Block Flow Diagrams Level 2 IFLA Sheet 2	N	LA	BSC RPM	RPJK1205	RFKD0201	01-May-06	18-Oct-06	15-Jun-06	17-Nov-06	XX		X		
240	"Contract No. DE-AC28-01RW12101-Bechtel SAIC Company, LLC (BSC) Information Needs for Environmental Report." DWS:clm-0803042656, with enclosure	R	LA	BSC ES&H	ES40607	N/A	02-Oct-06	20-Oct-06	2-Oct-06	20-Oct-06					XX
241	Preliminary Emergency Plan.	N	LA	BSC ES&H	ES71007	N/A	02-Oct-06	20-Oct-06	2-Oct-06	20-Oct-06					XX
242	Identification of Aircraft Hazards. 000-30R-WHS0-00100-000-005.	R	LA	BSC L&NS	LA11154AA	NA	21-Feb-06	20-Oct-06	21-Feb-06	20-Oct-06			XX		
243	Population Projections Re-calculated for New Preclosure Timeframe	N	LA	BSC ES&H	ES71007	Note 2	02-Oct-06	20-Oct-06	02-Oct-06	20-Oct-06	XX				
244	New Summary Report of Recent (1998-2006) Meteorological Data	N	LA	BSC ES&H	ES71007	Note 2	02-Oct-06	20-Oct-06	02-Oct-06	20-Oct-06	XX				
245	Rev SS ConOps for TEV & Pnl 1 Layout	R	LAS	BSC RPM	RP1A0321	P0AA0100	21-Aug-06	20-Oct-06	21-Aug-06	07-Feb-07		XX			
246	ALARA Review Shielded WP Transfer	N	LA	BSC RPM	RP7N1002	C1NA1002	13-Sep-06	24-Oct-06	26-Oct-06	06-Dec-06					XX
247	CRCF - Cavity Gas Sampling System Calc	N	LAS	BSC RPM	RP7B1120	C1BC1120	30-Aug-06	25-Oct-06	06-Sep-06	19-Mar-07	XX		X		
248	CRCF - Cavity Gas Sampling System P&ID	N	LA	BSC RPM	RP7B1120	C1BD1420	30-Aug-06	25-Oct-06	06-Sep-06	28-Mar-07	XX				
249	Single Line Diagram - 480V Load Center 04	N	LAS	BSC RPM	RPHE1200	WFED0040	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		

250	Single Line Diagram - 480V MCC 04A	N	LAS	BSC RPM	RPHE1200	WFED0041	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
251	Single Line Diagram - 480V MCC 04B	N	LAS	BSC RPM	RPHE1200	WFED0042	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
252	Single Line Diagram - 480V MCC 04C	N	LAS	BSC RPM	RPHE1200	WFED0043	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
253	Single Line Diagram - 480V MCC 04D	N	LAS	BSC RPM	RPHE1200	WFED0044	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
254	Single Line Diagram - UPS Inverter 04A	N	LAS	BSC RPM	RPHE1200	WFED0045	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
255	Single Line Diagram - UPS Inverter 04B	N	LAS	BSC RPM	RPHE1200	WFED0046	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
256	Single Line Diagram - 480V Emerg. MCC A4 (Train A)	N	LAS	BSC RPM	RPHE1200	WFED0047	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
257	Single Line Diagram - 480V Emerg. MCC B4 (Train B)	N	LAS	BSC RPM	RPHE1200	WFED0048	02-Oct-06	26-Oct-06	21-Sep-06	06-Nov-06	XX		X		
258	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 1	N	LAS	BSC RPM	RP5K1210	LCKD1210	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
259	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 2	N	LAS	BSC RPM	RP5K1210	LCKD1211	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
260	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 3	N	LAS	BSC RPM	RP5K1210	LCKD1212	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
261	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 4	N	LAS	BSC RPM	RP5K1210	LCKD1213	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
262	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 5	N	LAS	BSC RPM	RP5K1210	LCKD1214	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
263	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 6	N	LAS	BSC RPM	RP5K1210	LCKD1215	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
264	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 7	N	LAS	BSC RPM	RP5K1210	LCKD1216	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
265	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 8	N	LAS	BSC RPM	RP5K1210	LCKD1217	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
266	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 9	N	LAS	BSC RPM	RP5K1210	LCKD1218	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
267	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 10	N	LAS	BSC RPM	RP5K1210	LCKD1219	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
268	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 11	N	LAS	BSC RPM	RP5K1210	LCKD1220	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
269	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 12	N	LAS	BSC RPM	RP5K1210	LCKD1221	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
270	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 13	N	LAS	BSC RPM	RP5K1210	LCKD1222	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
271	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 14	N	LAS	BSC RPM	RP5K1210	LCKD1223	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
272	MH-IHF Block Flow Diagrams Level 3 ILA0 Sheet 15	N	LAS	BSC RPM	RP5K1210	LCKD1224	04-Aug-06	27-Oct-06	13-Jun-06	15-Dec-06	XX		X		
273	MH-IHF MEE Loadout Equipment Sheet 1	N	LA	BSC RPM	RP5K1310	LCKD1310	25-Jul-06	27-Oct-06	28-Jun-06	15-Dec-06	XX				
274	MH-IHF MEE Loadout Equipment Sheet 2	N	LA	BSC RPM	RP5K1310	LCKD1311	25-Jul-06	27-Oct-06	28-Jun-06	15-Dec-06	XX				
~~275~~	~~MH-IHF MEE WP Closure ILA0 Sheet 1~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5K1325~~	~~LCKD1325~~	~~04-Aug-06~~	~~27-Oct-06~~	~~08-Aug-06~~		~~XX~~				
~~276~~	~~MH-IHF MEE WP Closure ILA0 Sheet 2~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5K1325~~	~~LCKD1326~~	~~04-Aug-06~~	~~27-Oct-06~~	~~08-Aug-06~~		~~XX~~				
277	MH-IHF MEE Cask Handling Crane	N	LA	BSC RPM	RP5K1340	LCKD1340	08-Jun-06	27-Oct-06	07-Jun-06	21-Feb-07	XX				
278	MH-IHF MEE WP Handling Crane	N	LA	BSC RPM	RP5K1340	LCKD1341	08-Jun-06	27-Oct-06	07-Jun-06	21-Feb-07	XX				
279	MH-IHF MEE Canister Transfer Maintenance Crane	N	LA	BSC RPM	RP5K1340	LCKD1342	08-Jun-06	27-Oct-06	07-Jun-06	21-Feb-07	XX				
280	MH-IHF MEE WP Closure Room Crane	N	LA	BSC RPM	RP5K1340	LCKD1343	08-Jun-06	27-Oct-06	07-Jun-06	21-Feb-07	XX				
281	MH-IHF MEE WP Pallet Yoke ILA0	N	LA	BSC RPM	RP5K1340	LCKD1344	08-Jun-06	27-Oct-06	07-Jun-06	15-Mar-07	XX				
282	MH-IHF MEE Naval Cask Lifting Device ILA0	N	LA	BSC RPM	RP5K1340	LCKD1345	08-Jun-06	27-Oct-06	07-Jun-06	09-Mar-07	XX				
283	MH-IHF MEE Cask Yoke ILA0	N	LA	BSC RPM	RP5K1340	LCKD1346	08-Jun-06	27-Oct-06	07-Jun-06	05-Mar-07	XX				
284	ALARA Review Direct Rail Access	N	LA	BSC RPM	RP7N1004	C1NA1004	04-Oct-06	31-Oct-06	8-Sep-06	31-Oct-06					XX
285	TEV Shielding Preliminary (ENE)	N	LAS	BSC RPM	RP6N1880	ERNC1880	07-Jul-06	01-Nov-06	7-Jul-06	01-Nov-06		XX			
286	Subsurface Facility Worker Dose Assessment	N	LAS	BSC RPM	RP1N0003AA	P0NC0003	01-Mar-06	01-Nov-06	1-Mar-06	01-Nov-06		XX			
287	Initial Handling Facility - General Purpose Air & Instrument Air System Calculation	N	LAS	BSC RPM	RP5M1120	LCMA1120	11-Sep-06	03-Nov-06	25-Sep-06	12-Mar-07	XX				
288	MH-IHF MEE Cask Trolley ILA0 Sheet 1	N	LA	BSC RPM	RP5K1335	LCKD1335	14-Aug-06	06-Nov-06	14-Aug-06	17-Jan-07	XX				
289	MH-IHF MEE Preparation Platform ILA0	N	LA	BSC RPM	RP5K1335	LCKD1336	14-Aug-06	06-Nov-06	14-Aug-06	11-Jan-07	XX				
290	MH-IHF MEE Receipt Platform ILA0	N	LA	BSC RPM	RP5K1335	LCKD1337	14-Aug-06	06-Nov-06	14-Aug-06	01-Mar-07	XX				
291	MH-IHF MEE Loadout Platform	N	LA	BSC RPM	RP5K1335	LCKD1338	14-Aug-06	06-Nov-06	14-Aug-06	20-Dec-06	XX				
292	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 1	N	LAS	BSC RPM	RPJK1210	RFKD0300	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
293	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 2	N	LAS	BSC RPM	RPJK1210	RFKD0301	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
294	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 3	N	LAS	BSC RPM	RPJK1210	RFKD0302	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
295	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 4	N	LAS	BSC RPM	RPJK1210	RFKD0303	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
296	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 5	N	LAS	BSC RPM	RPJK1210	RFKD0304	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
297	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 6	N	LAS	BSC RPM	RPJK1210	RFKD0305	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
298	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 7	N	LAS	BSC RPM	RPJK1210	RFKD0306	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
299	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 8	N	LAS	BSC RPM	RPJK1210	RFKD0307	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
300	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 9	N	LAS	BSC RPM	RPJK1210	RFKD0308	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
301	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 10	N	LAS	BSC RPM	RPJK1210	RFKD0309	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX				
~~302~~	~~MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 10~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPJK1210~~	~~RFKD0309~~	~~22-May-06~~	~~08-Nov-06~~	~~15-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
303	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 11	N	LAS	BSC RPM	RPJK1210	RFKD0310	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
~~304~~	~~MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 11~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPJK1210~~	~~RFKD0310~~	~~22-May-06~~	~~08-Nov-06~~	~~15-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
305	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 12	N	LAS	BSC RPM	RPJK1210	RFKD0311	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
~~306~~	~~MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 12~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPJK1210~~	~~RFKD0311~~	~~22-May-06~~	~~08-Nov-06~~	~~15-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
307	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 13	N	LAS	BSC RPM	RPJK1210	RFKD0312	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
~~308~~	~~MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 13~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPJK1210~~	~~RFKD0312~~	~~22-May-06~~	~~08-Nov-06~~	~~15-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
309	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 14	N	LAS	BSC RPM	RPJK1210	RFKD0313	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
~~310~~	~~MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 14~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPJK1210~~	~~RFKD0313~~	~~22-May-06~~	~~08-Nov-06~~	~~15-Jun-06~~	~~15-Dec-06~~	~~XX~~		~~X~~		
311	MH-RF, Block Flow Diagrams Level 3 IFLA Sheet 15	N	LAS	BSC RPM	RPJK1210	RFKD0314	22-May-06	08-Nov-06	15-Jun-06	15-Dec-06	XX		X		
312	MH-IHF MEEs WP Trolley ILA0 sheet 1	N	LA	BSC RPM	RP5K1375	LCKD1375	04-Aug-06	10-Nov-06	28-Jun-06	09-Nov-06	XX		X		
313	MH-IHF MEEs WP Trolley ILA0 sheet 2	N	LA	BSC RPM	RP5K1375	LCKD1376	04-Aug-06	10-Nov-06	28-Jun-06	09-Nov-06	XX		X		
314	Canister Receipt and Closure Facility - De-ionized Water System Calc	N	LAS	BSC RPM	RP7M1130	C1MC1130	21-Aug-06	13-Nov-06	24-Jul-06	12-Mar-07	XX				
315	Testing Strategy for Waste Package Prototypes	N	LA	BSC RPM	RPWBP256	PWFS0004	13-Sep-06	14-Nov-06	30-Oct-06	30-Nov-06		XX			
316	CRCF Foundation Design	N	LA	BSC RPM	RP7L1045	C1LC0010	11-Sep-06	17-Nov-06	20-Oct-06	21-Mar-07	XX				
317	PRELIMINARY EQUIPMENT MODEL ILA0	N	LAS	BSC RPM	RPSP1000	A1PO1002	29-Sep-06	21-Nov-06	16-Oct-06	21-Mar-07	XX				
318	ALARA Review of ITS HVAC System	R	LA	BSC RPM	RP7N1005	C1NA1005	25-Oct-06	21-Nov-06	31-Oct-06	12-Jan-07					XX
319	MH-CRCF, Cask Trolley MEE	N	LA	BSC RPM	RP7K1335	C1KD0401	12-May-06	22-Nov-06	05-Jul-06	16-Jan-07	XX		X		
320	RF Tier 1 Seismic Analysis FY07 (Combined w/Response Spectra - RFLC0011)	N	LA	BSC RPM	RPJL1017	RFLC0011	02-Oct-06	22-Nov-06	09-Oct-06	07-Mar-07	XX				
321	CCCF -SAP2000 Analysis Rev B	N	LAS	BSC RPM	RPYL5710	CCLC0002	02-Oct-06	27-Nov-06	01-Nov-06	22-Mar-07	XX				
322	Wet Handling Facility - DI and Potable Water Systems Calculation	N	LAS	BSC RPM	RPHM1120	WFMC1120	31-Aug-06	27-Nov-06	17-Jul-06	12-Mar-07	XX				
323	DI Water Distribution Demand Calculation	N	LAS	BSC RPM	RPQM6201	WSMC0001	29-Sep-06	27-Nov-06	N/A	15-Mar-07	XX				
324	CRCF Fire Screening Calculation Rev a	N	LAS	BSC RPM	RP7W2000	C1WC0001	18-Sep-06	28-Nov-06	27-Sep-06	30-Mar-07	XX				
325	Site Underground Fire Water Loop Preliminary Calculations	N	LAS	BSC RPM	RPQW8110	FWWA0006	02-Oct-06	28-Nov-06	06-Oct-06	23-Feb-07	XX				
326	Block Flow Diagrams for Transport and Emplacement Vehicle (Level 2)	N	LA	BSC RPM	RP6K5000	HTKD0101	02-Oct-06	28-Nov-06	2-Oct-06	15-Jan-07		XX			
327	MH-IHF MEE Canister Transfer Machine Sheet 1	N	LA	BSC RPM	RP5K1305	LCKD1305	18-Sep-06	28-Nov-06	03-Jul-06	12-Dec-06	XX				
328	Central Secur. Sta - Conceptual Layouts IFLA	N	LAS	BSC RPM	RPZQ9851	SEQT0420	02-Oct-06	28-Nov-06	19-Dec-06	29-Jan-07	XX				
329	MH-WHF MEE Fuel Handling Machine (ITS) Sht 1 ILA0	N	LA	BSC RPM	RPHK2360	WFKD1360	04-Aug-06	28-Nov-06	22-Aug-06	10-Nov-06	XX		X		
330	MH-WHF MEE Fuel Handling Machine (ITS) Sht 2 ILA0	N	LA	BSC RPM	RPHK2360	WFKD1361	04-Aug-06	28-Nov-06	22-Aug-06	10-Nov-06	XX		X		
331	TWP for CLOSURE of LONG-TERM CORROSION TEST FACILITY	N	LAS	SNL	PAD717S	N/A	N/A	30-Nov-06	N/A	22-Nov-06				XX	
332	TWP for DUST DELIQUESCENCE-INDUCED CORROSION	N	LAS	SNL	PAD718S	N/A	N/A	30-Nov-06	N/A	22-Nov-06				XX	
333	CRCF Stiffness Properties Calculation	N	LA	BSC RPM	RP7L1012	C1LC0006	11-Aug-06	01-Dec-06	25-Aug-06	19-Dec-06	XX				
334	Subsurface Geotechnical Parameters Report. 800-K0C-WIS0-00400-000-00A.	R	LA	BSC RPM	RP1G0350	P0GC0002	03-Oct-05	01-Dec-06	01-Oct-04	29-Sep-06		XX			
335	TWP for Subsurface Geotechnical Parameters Report Rev 0	C	LAS	BSC RPM	RP1G0350	P0GR0001	03-Oct-05	01-Dec-06	01-Oct-04	08-Sep-06		XX			
336	Properties of Ventilation Air Entering Emplacement Drifts	N	LAS	BSC RPM	RP1H0310	P0HR0001	03-Oct-05	01-Dec-06	01-Oct-04	01-Dec-06		XX			
337	Ventilation Studies & Integration	N	LAS	BSC RPM	RP1H0310	P0HC0004, P0HC0005, P0HC0006	03-Oct-05	01-Dec-06	01-Oct-04	01-Dec-06		XX			

338	Subsurface Geotechnical Report	R	LA	BSC RPM	RP1G0350	P0GR0002	03-Oct-05	01-Dec-06	01-Oct-04	10-Jan-07	XX				
339	MH-CRCF, WP Loadout Trolley MEE Sheet 1	N	LA	BSC RPM	RP7K1310	C1KD0701	14-Jun-06	04-Dec-06	28-Jun-06	08-Nov-06	XX				
340	MH-CRCF, WP Loadout Trolley MEE Sheet 2	N	LA	BSC RPM	RP7K1310	C1KD0702	14-Jun-06	04-Dec-06	28-Jun-06	08-Nov-06	XX				
~~341~~	~~MH-CRCF, WP Loadout Trolley MEE Sheet 3~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP7K1310~~	~~C1KD0703~~	~~14-Jun-06~~	~~04-Dec-06~~	~~28-Jun-06~~	~~15-Dec-06~~	~~XX~~				
342	Preclosure Criticality Analysis Process Report. TDR-EBS-NU-000004 REV 04.	R	LA	BSC L&NS	LADT0265	N/A	01-Nov-06	04-Dec-06	1-Nov-06	08-Dec-06		XX			
343	Illustration of Waste Package Closure Area Operating Floor (Partial View)	R	LA	BSC RPM	RPKBCT250	See Note 1	22-May-06	04-Dec-06	22-May-06	08-Feb-07	XX				
344	Single Line Sketch - Normal Power	N	LAS	BSC RPM	RPJE1200	RFED0051	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
345	Single Line Sketch - 480 V MCC 05A	N	LAS	BSC RPM	RPJE1200	RFED0052	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
346	Single Line Sketch - 480 V MCC 05B	N	LAS	BSC RPM	RPJE1200	RFED0053	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
347	Single Line Sketch - Normal UPS Inverter	N	LAS	BSC RPM	RPJE1200	RFED0054	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
348	Single Line Sketch - 480 V MCC ITS A	N	LAS	BSC RPM	RPJE1200	RFED0055	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
349	Single Line Sketch - 480 V MCC ITS B	N	LAS	BSC RPM	RPJE1200	RFED0056	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
350	Single Line Sketch - 480 V UPS Inverter ITS A	N	LAS	BSC RPM	RPJE1200	RFED0057	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
351	Single Line Sketch - 480 V UPS Inverter ITS B	N	LAS	BSC RPM	RPJE1200	RFED0058	31-Aug-06	05-Dec-06	31-Aug-06	02-Nov-06	XX		X		
352	Electrical - CRCF Load Summary Calculation	N	LA	BSC RPM	RP7E1019	C1EC100	20-Nov-06	08-Dec-06	20-Nov-06	01-Mar-07	XX				
353	Subsurface Electrical Single-Line Diagram	N	LA	BSC RPM	RP1E1000	P0ED0019 - P0ED0022	11-Dec-06	11-Dec-06	11-Dec-06	26-Mar-07		XX			
354	Block Flow Diagrams for Transport and Emplacement Vehicle (Level 3)	N	LA	BSC RPM	RP6K5010	HTKD0102	16-Oct-06	12-Dec-06	2-Oct-06	15-Jan-07		XX			
355	IHF - WP Inerting System P&ID	N	LA	BSC RPM	RPKBEB150	Note 1	28-Aug-06	12-Dec-06	28-Aug-06	04-Jan-07	XX				
356	CRCF - WP Inerting System P&ID	N	LA	BSC RPM	RPKBEB150	See Note 1	28-Aug-06	12-Dec-06	28-Aug-06	04-Jan-07	XX				
357	CCF- Arch Floor Plan Rev C	N	LA	BSC RPM	RPYQ9245	CCQD0001	01-Nov-06	14-Dec-06	01-Nov-06	14-Dec-06	XX				
358	RECEIVE SCIENCE GROUP FORM & FUNCTION	N/A	LAS	SNL	PATS290M	N/A	N/A	15-Dec-06	N/A	15-Jan-07				XX	
359	MH-WHF MEE Cask Transfer Trolley ILA0	N	LA	BSC RPM	RPHK2335	WFKD2335	02-Oct-06	15-Dec-06	02-Oct-06	16-Jan-07	XX				
360	MH-WHF MEE Mobile Access Platforms ILA0	N	LA	BSC RPM	RPHK2335	WFKD2336	02-Oct-06	15-Dec-06	02-Oct-06	15-Feb-07	XX				
361	LLW Management Plan	N	LA	BSC RPM	RPHN1011	WFNA1101	24-Jul-06	15-Dec-06	24-Jul-06	18-Dec-06	XX				
362	MH-IHF P&ID Cask Trolley ILA0	N	LA	BSC RPM	RP5K1435	LCKD1435	28-Aug-06	20-Dec-06	11-Oct-06	01-Mar-07	XX		X		
363	Fire Hazard Anal. ILA0	N	LA	BSC RPM	RP5W1010	LCWC1010	26-Sep-06	20-Dec-06	02-Oct-06	29-Mar-07	XX		X		
364	Electrical WHF Load Summary Calculation	N	LA	BSC RPM	RPHE1019	WFEC100A	09-Nov-06	20-Dec-06	09-Nov-06	07-Mar-07	XX				
365	Electrical - IHF Load Summary Calculation	N	LA	BSC RPM	RP5E1019	LCEC100	20-Nov-06	22-Dec-06	09-Nov-06	28-Feb-07	XX				
366	Canister Receipt and Closure Facility As Low As Is Reasonably Achievable Design Review and Analysis	N	LA	BSC RPM	RP7N1055	C1NA1055	22-Nov-06	21-Dec-06	22-Dec-06	04-Jan-07					XX
367	MH-IHF MEE Generic Door Type 1 ILA0	N	LA	BSC RPM	RP5K1320	LCKD1320	19-Jul-06	22-Dec-06	12-Jul-06	12-Dec-06	XX				
368	MH-IHF MEE Generic Door Type 2 ILA0	N	LA	BSC RPM	RP5K1320	LCKD1321	19-Jul-06	22-Dec-06	12-Jul-06	12-Dec-06	XX				
369	MH-IHF MEE Generic Door Type 3 ILA0	N	LA	BSC RPM	RP5K1320	LCKD1322	19-Jul-06	22-Dec-06	12-Jul-06	12-Dec-06	XX				
370	MH-IHF MEE Personnel Access Door ILA0	N	LA	BSC RPM	RP5K1320	LCKD1323	19-Jul-06	22-Dec-06	12-Jul-06	12-Dec-06	XX				
371	MH-IHF MEE Slide Gates ILA0	N	LA	BSC RPM	RP5K1320	LCKD1324	19-Jul-06	22-Dec-06	12-Jul-06	19-Dec-06	XX				
372	GP/Inst Air Calc	N	LAS	BSC RPM	RP5M1160	LCMC1160	15-Aug-06	22-Dec-06	23-Aug-06	24-Mar-07	XX				
373	EXTENDED WEATHER DATA AMR	R	LA	SNL	PAD801S	N/A	N/A	22-Dec-06	N/A	22-Dec-06				XX	
374	TWP NFE IN-DRIFT HEAT & MASS TRANSFER COMPLETE	N	LAS	SNL	PAD843S	N/A	N/A	22-Dec-06	N/A	26-Jan-07				XX	
375	Develop response to NRC's follow-up action item on KTI 3.05, 3.05 and 3.07	R	LAS	BSC RPM	RP1G0391	P0GA0042	10-Mar-06	22-Dec-06	10-Mar-06	31-Oct-06		XX			
376	Discuss and resolve comments on the response to NRC's follow-up action itemon KTI 3.05, 3.05 and 3.07	R	LAS	BSC RPM	RP1G0391	P0GA0043	10-Mar-06	22-Dec-06	10-Mar-06	23-Jan-07		XX			
377	RF Electrical Load Summary Calculation	N	LA	BSC RPM	RPJE1019	RFEC100	15-Nov-06	22-Dec-06	15-Nov-06	13-Mar-07	XX				
378	MH P&IDs Canister Transfer Machine ILA0, Sheet 1	N	LA	BSC RPM	RPJK1405	RFKD1405	30-Aug-06	22-Dec-06	07-Sep-06	23-Feb-07	XX		X		
379	MH P&IDs Canister Transfer Machine ILA0, Sheet 2	N	LA	BSC RPM	RPJK1405	RFKD1406	30-Aug-06	22-Dec-06	07-Sep-06	23-Feb-07	XX		X		
380	MH P&IDs Canister Transfer Machine ILA0, Sheet 3	N	LA	BSC RPM	RPJK1405	RFKD1407	30-Aug-06	22-Dec-06	07-Sep-06	23-Feb-07	XX		X		
381	Preliminary GROA Site Plan	N	LAS	BSC RPM	RPCC1000	SPCK0006	03-Apr-06	02-Jan-07	02-Oct-06	11-Jan-07	XX				
382	Misc. LA support Calculation	N	LA	BSC RPM	RPSL6902	A1LC0009	02-Oct-06	03-Jan-07	12-Oct-06	01-Dec-06	XX				
383	Diesel Generator Mass Properties Calculations	N	LAS	BSC RPM	RPUL7153	L7153C1	29-Nov-06	03-Jan-07	18-Dec-06	22-Mar-07	XX				
384	Emplacement Access Door & Turnout Bulkhead Calc Rev A	N	LAS	BSC RPM	RP1C0221	P0LC0046	27-Nov-06	03-Jan-07	7-Dec-06	24-Jan-07		XX			
385	Repository Subsurface Emplacement Drifts Steel Invert Structure Sect. & Committed Materials. 800-SS0-SSE0-00102-000-00B.	R	LA	BSC RPM	RP1C0115	P0LD0102 - P0LD0103	16-Oct-06	04-Jan-07	11-Oct-06	25-Jan-07		XX			
386	Emplacement Drift Steel Invert Sections & Details Rev A	N	LA	BSC RPM	RP1C0115	P0LD0101	16-Oct-06	04-Jan-07	11-Oct-06	25-Jan-07		XX			
387	New document for the site-specific input parameters for GENII Version 2	N	LA	BSC L&NS	LAPS1306	NA	24-Jan-06	05-Jan-07	10-Jan-06	29-Mar-07			XX		
388	MEEs for STC (for TADs)	N	LA	BSC RPM	RPHK1020	WFKD1020	15-Mar-07	25-Apr-07	18-Dec-06	02-Mar-07			XX		
389	MEEs for Site Transporter (for TADs)	N	LA	BSC RPM	RPHK1110	WFKD1110	15-Mar-07	25-Apr-07	N/A	15-Feb-07			XX		
390	MEEs for Ancillary Equipment (for TADs)	N	LA	BSC RPM	RPHK1190	WFKD1190	15-Mar-07	25-Apr-07	N/A	02-Mar-07			XX		
391	WPLOAD V 2.0	N	LA	BSC RPM	RPWP0046	W2DC0101	03-Oct-06	16-Mar-07	2-Oct-06	28-Mar-07		XX			
392	TWP for CRITICALITY WPs COMPLETE	N	LAS	SNL	PAD213S	N/A	N/A	08-Jan-07	N/A	20-Dec-06				XX	
393	LONG-TERM TESTING & MONITORING PROGRAM COMPLETE	N	LA	SNL	PAD904S	N/A	N/A	28-Sep-07						XX	
394	IHF Structural Model for Analysis (Combined w/Prelim Steel Design Calc - LCLC0009)	N	LA	BSC RPM	RP5L1015	LCLC0001	26-Jul-06	09-Jan-07	26-Jul-06	29-Mar-07	XX				
395	Heat/Cool Load - C1	N	LAS	BSC RPM	RPHH040	WFHC1001	06-Oct-06	09-Jan-07	06-Oct-06	29-Mar-07	XX				
396	Heat/Cool Load - C2	N	LAS	BSC RPM	RPHH040	WFHC1002	06-Oct-06	09-Jan-07	06-Oct-06	06-Apr-07	XX				
397	Pressure drop -C1	N	LAS	BSC RPM	RPHH040	WFHC1003	06-Oct-06	09-Jan-07	06-Oct-06	20-Mar-07	XX				
398	Pressure drop - C2	N	LAS	BSC RPM	RPHH040	WFHC1004	06-Oct-06	09-Jan-07	06-Oct-06	22-Mar-07	XX				
399	Equip. Sizing	N	LAS	BSC RPM	RPHH040	WFHC1005	06-Oct-06	09-Jan-07	06-Oct-06	31-Mar-07	XX				
400	TWP for LEGACY SOFTWARE EVAL/ REMEDIATION COMPLETE	N	LAS	SNL	PAD302S	N/A	N/A	10-Jan-07	N/A	11-May-07				XX	
401	TWP FOR POSTCLOSURE NUCLEAR SAFETY DESIGN BASES DOC	N	LAS	SNL	PA0901	N/A	N/A	12-Feb-07		12-Feb-07				XX	
402	WHF Structural Analysis Calculation (Combined w/Response Spectra Analysis - WFLC0015)	N	LA	BSC RPM	RPHL1015	WFLC0008	20-Sep-06	12-Jan-07	09-Oct-06	26-Mar-07	XX				
403	TWP FOR TSPA TDIP PROCESS	N	LAS	SNL	PAD050	N/A	N/A	15-Jan-07	N/A	12-Jan-07				XX	
404	SUBMIT BURN-UP CREDIT VALIDATION PLAN	N	LAS	SNL	PAD303S	N/A	N/A	15-Jan-07	N/A	15-Jan-07				XX	
405	TWP FOR FEPS	R	LAS	SNL	PAD306S	N/A	02-Oct-06	15-Jan-07		07-Feb-07				XX	
406	PC Observation Drift Ventilation Calc	R	LAS	BSC RPM	RP1H0160	P0HC0009	14-Aug-06	15-Jan-07	14-Aug-06	21-Dec-06		XX			
407	RF Tier 1 Response Spectra (Combined w/Tier 1 Seismic Analysis - RFLC0008)	N	LA	BSC RPM	RPJL1017	RFLC0011	02-Oct-06	15-Jan-07	01-Dec-06	07-Mar-07	XX				
408	Access Mains Invert and Rails Calculation	N	LA	BSC RPM	RP1C0331	P0LC0047	27-Nov-06	16-Jan-07	22-Nov-06	24-Jan-07		XX			
409	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S1	16-Oct-06	17-Jan-07	18-Dec-06	31-Mar-07	XX				
410	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S2	16-Oct-06	17-Jan-07	18-Dec-06	31-Mar-07	XX				
411	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S3	16-Oct-06	17-Jan-07	18-Dec-06	24-Apr-07	XX				
412	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S4	16-Oct-06	17-Jan-07	18-Dec-06	24-Apr-07	XX				
413	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S5	16-Oct-06	17-Jan-07	18-Dec-06	24-Apr-07	XX				
414	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S6	16-Oct-06	17-Jan-07	18-Dec-06	24-Apr-07	XX				
415	HVAC EDG Composite VFDs (ITS) ILAO	N	LA	BSC RPM	RPUH1010	H1010S7	16-Oct-06	17-Jan-07	18-Dec-06	31-Mar-07	XX				
416	MH-IHF P&ID Canister Transfer Machine ILA0 Sheet 1	N	LA	BSC RPM	RP5K1405	LCKD1405	18-Sep-06	17-Jan-07	28-Aug-06	23-Feb-07	XX		X		
417	MH-IHF P&ID Canister Transfer Machine ILA0 Sheet 2	N	LA	BSC RPM	RP5K1405	LCKD1406	18-Sep-06	17-Jan-07	28-Aug-06	23-Feb-07	XX		X		
418	Receipt Facility Radiation Zone and Contamination Zone Drawings	N	LA	BSC RPM	RPJN1055	RFND1055A	17-Nov-06	17-Jan-07	4-Oct-06	30-Jan-07					XX
419	Preclosure Criticality Analysis Process Report. TDR-DS0-NU-000000 REV 00.	R	LA	BSC L&NS	LADT0295	NA	15-Jan-07	18-Jan-07	N/A	09-Mar-07			XX		
420	Turnout Drifts Ventilation Door & Bulkhead Plan Rev A	N	LA	BSC RPM	RP1C0225	P0LD0104	11-Sep-06	19-Jan-07	11-Oct-06	25-Jan-07		XX			
421	Turnout Drifts Ventilation Door & Bulkhead Sect & Dets Rev A	N	LA	BSC RPM	RP1C0225	P0LD0105 - P0LD0106	11-Sep-06	19-Jan-07	11-Oct-06	25-Jan-07		XX			
422	Access Mains Invert & Rails Plan Rev A	N	LA	BSC RPM	RP1C0335	P0LD0107	11-Sep-06	19-Jan-07	11-Oct-06	25-Jan-07		XX			

423	Access Mains Invert & Rails Sections & Details Rev A	N	LA	BSC RPM	RP1C0335	P0LD0108 - P0LD0109	11-Sep-06	19-Jan-07	11-Sep-06	25-Jan-07		XX			
424	SS Fire Protection SOR	N	LAS	BSC RPM	RP1W0165	P0WR0010	15-Dec-06	19-Jan-07	12-Dec-06	25-Jan-07		XX			
425	C-TDIP COMPLETE GENERAL CORROSION ABSTRACTION	N	LA	SNL	PACT310	N/A	N/A	22-Jan-07	N/A	01-Mar-07				XX	
426	C-TDIP COMPLETE NO CLADDING	N	LA	SNL	PACT330	N/A	N/A	22-Jan-07	N/A	09-Mar-07				XX	
427	C-TDIP COMPLETE SCC ABSTRACTION	N	LA	SNL	PAPM3013	N/A	N/A	22-Jan-07	N/A	28-Feb-07				XX	
428	MH-RF MEE CTM Maintenance Crane ILA0	N	LA	BSC RPM	RPJK1340	RFKD0120	09-Oct-06	24-Jan-07	15-Sep-06	26-Feb-07	XX		X		
~~429~~	~~MH-RF MEE 15 Ton Overhead Crane Sheet 2 ILA0~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPJK1340~~	~~RFKD0121~~	~~09-Oct-06~~	~~24-Jan-07~~	~~15-Sep-06~~	~~26-Feb-07~~	~~XX~~		~~X~~		
430	MH-RF MEE Cask Handling Crane ILA0	N	LA	BSC RPM	RPJK1340	RFKD0122	09-Oct-06	24-Jan-07	15-Sep-06	23-Feb-07	XX		X		
431	MH-RF MEEs 200 Ton Overhead Crane Sheet 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0123	09-Oct-06	24-Jan-07	15-Sep-06	23-Feb-07	XX		X		
432	MH-RF MEE Cask Yoke 1 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0124	09-Oct-06	24-Jan-07	15-Sep-06	05-Mar-07	XX		X		
433	MH-RF MEE Cask Lifting Yoke 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0125	09-Oct-06	24-Jan-07	15-Sep-06	05-Mar-07	XX		X		
434	MH-RF MEE Impact Limiter Lift Device ILA0	N	LA	BSC RPM	RPJK1340	RFKD0126	09-Oct-06	24-Jan-07	15-Sep-06	08-Mar-07	XX		X		
435	MH-RF MEE Impact Limiter Lift Beam 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0127	09-Oct-06	24-Jan-07	15-Sep-06	08-Mar-07	XX		X		
436	MH-RF MEE Personnel Barrier Lift Device ILA0	N	LA	BSC RPM	RPJK1340	RFKD0128	09-Oct-06	24-Jan-07	15-Sep-06	08-Mar-07	XX		X		
437	MH-RF MEE Personnel Barrier Lift Beam 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0129	09-Oct-06	24-Jan-07	15-Sep-06	08-Mar-07	XX		X		
438	MH-RF MEE Cask Tilting Frame ILA0	N	LA	BSC RPM	RPJK1340	RFKD0130	09-Oct-06	24-Jan-07	15-Sep-06	01-Mar-07	XX		X		
439	MH-RF MEE Cask Rotation Frame 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0131	09-Oct-06	24-Jan-07	15-Sep-06	01-Mar-07	XX		X		
440	MH-RF MEE CTM Canister Grapple ILA0	N	LA	BSC RPM	RPJK1340	RFKD0132	09-Oct-06	24-Jan-07	15-Sep-06	09-Mar-07	XX		X		
441	MH-RF MEE Canister Grapple 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0133	09-Oct-06	24-Jan-07	15-Sep-06	09-Mar-07	XX		X		
442	MH-RF MEE Lifting & Handling Devices ILA0 1	N	LA	BSC RPM	RPJK1340	RFKD0134	09-Oct-06	24-Jan-07	15-Sep-06	27-Feb-07	XX		X		
443	MH-RF MEE Lifting & Handling Devices ILA0 2	N	LA	BSC RPM	RPJK1340	RFKD0135	09-Oct-06	24-Jan-07	15-Sep-06	27-Feb-07	XX		X		
444	MH-RF MEE Lid Bolt Room Crane ILA0	N	LA	BSC RPM	RPJK1340	RFKD0137	09-Oct-06	24-Jan-07	15-Sep-06	24-Feb-07	XX		X		
445	MH-RF MEE 10 Ton Overhead Crane Sheet 2 ILA0	N	LA	BSC RPM	RPJK1340	RFKD0138	09-Oct-06	24-Jan-07	15-Sep-06	24-Feb-07	XX		X		
446	Single Line Diagram -480V Load Center 20	N	LAS	BSC RPM	RP5E1200	LCED0021	21-Nov-06	25-Jan-07	29-Aug-06	23-Oct-06	XX				
447	Single Line Diagram -480V MCC 20A	N	LAS	BSC RPM	RP5E1200	LCED0022	21-Nov-06	25-Jan-07	29-Aug-06	23-Oct-06	XX				
448	Single Line Diagram -480V MCC 20B	N	LAS	BSC RPM	RP5E1200	LCED0023	21-Nov-06	25-Jan-07	29-Aug-06	23-Oct-06	XX				
449	Single Line Diagram -480V MCC 20C	N	LAS	BSC RPM	RP5E1200	LCED0024	21-Nov-06	25-Jan-07	29-Aug-06	23-Oct-06	XX				
450	Single Line Diagram -UPS Inverter 20A	N	LAS	BSC RPM	RP5E1200	LCED0025	21-Nov-06	25-Jan-07	29-Aug-06	23-Oct-06	XX				
451	Single Line Diagram -UPS Inverter 20B	N	LAS	BSC RPM	RP5E1200	LCED0026	21-Nov-06	25-Jan-07	29-Aug-06	23-Oct-06	XX				
452	General Arrangment Aging Pads 17K, 17M, & 17N Plan & Section	N	LA	BSC RPM	RPSP1030	A1PD1001A	22-Nov-06	26-Jan-07	14-Nov-06	29-Mar-07	XX		X		
453	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPSP1030	A1PD1002	22-Nov-06	26-Jan-07	14-Nov-06	29-Mar-07	XX		X		
454	General Arrangement Aging Pad 17L Plan & Section	N	LA	BSC RPM	RPSP1030	A1PD1003A	22-Nov-06	26-Jan-07	14-Nov-06	29-Mar-07	XX		X		
455	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPSP1030	A1PD1004A	22-Nov-06	26-Jan-07	14-Nov-06	29-Mar-07	XX		X		
456	Cask Cavity Gas Sampling Calc.	N	LAS	BSC RPM	RP5B1120	LCBC1120	23-Aug-06	26-Jan-07	06-Sep-06	19-Mar-07	XX				
457	Cask Cavity Gas Sampling BFD	N	LA	BSC RPM	RP5B1120	LCBD1120	23-Aug-06	26-Jan-07	06-Sep-06	28-Mar-07	XX				
458	IHF Structural Steel Framing Load Calculation	N	LA	BSC RPM	RP5L1034	LCLC0002	17-Jul-06	26-Jan-07	17-Jul-06	09-Mar-07	XX				
459	C-TDIP COMPLETE WP & DS EARLY FAILURE	N	LA	SNL	PACT320	N/A	N/A	26-Jan-07	N/A	26-Apr-07				XX	
460	Cask Cavity Gas Sampling Calc	N	LAS	BSC RPM	RPJB1120	RFBC1120	31-Aug-06	26-Jan-07	06-Sep-06	19-Mar-07	XX				
461	Cask Cavity Gas Sampling P&ID	N	LA	BSC RPM	RPJB1120	RFBD1120	31-Aug-06	26-Jan-07	06-Sep-06	28-Mar-07	XX				
462	Liquid LLW Collection System Calc	N	LAS	BSC RPM	RP7B1130	C1BC1130	26-Oct-06	29-Jan-07	04-Dec-06	09-Mar-07	XX				
463	Liquid LLW Collection System P&ID	N	LA	BSC RPM	RP7B1130	C1BD1130	26-Oct-06	29-Jan-07	04-Dec-06	30-Mar-07	XX				
464	IHF Concrete Mass Properties Calc	N	LA	BSC RPM	RP5L1035	LCLC0004	28-Aug-06	29-Jan-07	28-Aug-06	15-Mar-07	XX				
465	IHF Soil Springs and Dampings	N	LA	BSC RPM	RP5L1035	LCLC0005	28-Aug-06	29-Jan-07	21-Sep-06	15-Mar-07	XX				
466	IHF Concrete Structure Design	N	LA	BSC RPM	RP5L1035	LCLC0006	28-Aug-06	29-Jan-07	01-Nov-06	31-Mar-07	XX				
467	IHF Concrete Foundation Calc	N	LA	BSC RPM	RP5L1035	LCLC0007	28-Aug-06	29-Jan-07	01-Nov-06	31-Mar-07	XX				
468	IHF Concrete Structure Design	N	LA	BSC RPM	RP5L1035	LCLC0008	28-Aug-06	29-Jan-07	28-Aug-06	31-Mar-07	XX				
469	DECISION PAPER on PC PARAMETERS	N	LAS	SNL	PCTP0182	N/A	N/A	29-Jan-07		28-Jan-07				XX	
470	COMPLETE TWP for TSPA FY07-08 ACTIVITIES	N	LAS	SNL	PAD211S	N/A	N/A	30-Jan-07	N/A	26-Jan-07				XX	
471	SS Layout Calculation	R	LAS	BSC RPM	RP1A0360AA	P0AC0002	19-Dec-05	30-Jan-07	19-Dec-05	15-Nov-06		XX			
472	SS Layout Drawing - 4 Panels	R	LAS	BSC RPM	RP1A0360AA	P0AD0006	19-Dec-05	30-Jan-07	19-Dec-05	29-Jan-07		XX			
473	SS Layout Drawing - Panel 1	R	LAS	BSC RPM	RP1A0360AA	P0AD0007	19-Dec-05	30-Jan-07	19-Dec-05	29-Jan-07		XX			
474	SS Layout Drawing - Panel 2	R	LAS	BSC RPM	RP1A0360AA	P0AD0008	19-Dec-05	30-Jan-07	19-Dec-05	29-Jan-07		XX			
475	SS Layout Drawing - Panel 3	R	LAS	BSC RPM	RP1A0360AA	P0AD0009	19-Dec-05	30-Jan-07	19-Dec-05	29-Jan-07		XX			
476	SS Layout Drawing - Panel 4	R	LAS	BSC RPM	RP1A0360AA	P0AD0010	19-Dec-05	30-Jan-07	19-Dec-05	29-Jan-07		XX			
477	Thermal Calc of a 12 WP Drift Segment using TADS	N	LAS	BSC RPM	RPWP0006	W2DC0016	29-Sep-06	30-Jan-07	06-Oct-2005	01-Nov-06		XX			
478	DI Water System P&IDs	R	LA	BSC RPM	RPQM6203	WSMD0002	28-Nov-06	30-Jan-07	N/A	21-Mar-07	XX				
479	Process and Instrument Diagrams for Transport and Emplacement Vehicle	N	LA	BSC RPM	RP6K5080	HTKD0104	30-Oct-06	31-Jan-07	1-Dec-06	31-Jan-07		XX			
480	TWP for PERFORMANCE CONFIRMATION ACTIVITIES	N	LAS	SNL	PA409S	N/A	N/A	31-Jan-07		30-Jan-07				XX	
481	TWP for SITE PERFORMANCE COMPLETE	N	LAS	SNL	PAD849S	N/A	N/A	31-Jan-07		21-Dec-06				XX	
482	ConOps - Deliverable (AP-7.5Q) Review Process	R	LAS	BSC RPM	RP1A0322	P0AR0020	04-Jan-07	31-Jan-07	N/A	05-Mar-07		XX			
483	Software Validation & Verification for VNETPC	N	LAS	BSC RPM	RP1H0420	P0HR0003	21-Feb-06	31-Jan-07	21-Feb-06	10-Oct-06		XX			
484	N. Perimet Secur - Conceptual Layouts IFLA	N	LAS	BSC RPM	RPZQ0599	SEQT0310	29-Nov-06	31-Jan-07	19-Dec-06	29-Jan-07	XX				
485	Modification of WPLoad to Accommodate TADs	R	LAS	BSC RPM	RPWP0016	W2DC0017	09-Jun-06	01-Feb-07	9-Jun-06	01-Nov-06		XX			
486	Naval Waste Package Configuration Drawings	R	LA	BSC RPM	RPWP0225	W2DD0005 - W2DD0010	03-Aug-06	01-Feb-07	25-Sep-06	20-Nov-06		XX			
487	TAD Bearing Waste Package Configuration Drawings	N	LA	BSC RPM	RPWP0225	W2DD0011 - W2DD0013	03-Aug-06	01-Feb-07	25-Sep-06	20-Nov-06		XX			
488	HLW/DOE SNF Codisposal Waste Package Configuration Drawings	R	LA	BSC RPM	RPWP0225	W2DD0014, W2DD0059 - W2DD0063	03-Aug-06	01-Feb-07	25-Sep-2006	05-Feb-07		XX			
489	2-MCO/2-DLHW Waste Package Configuration Drawings	R	LA	BSC RPM	RPWP0225	W2DD0064, W2DD0065, W2DD0066	03-Aug-06	01-Feb-07	25-Sep-06	05-Feb-07		XX			
490	WHF Response Spectra Analysis (Combined w/Struc Analysis Calc - WFLC0008)	N	LA	BSC RPM	RPHL1015	WFLC0015	01-Dec-06	02-Feb-07	01-Dec-06	26-Mar-07	XX				
491	PRELIMINARY EQUIPMENT MODEL ILA0	N	LAS	BSC RPM	RP5P1000	LCPO1004	15-May-06	05-Feb-07	15-May-06	28-Mar-07	XX				
~~492~~	~~P-TDIP COMPLETE SPACIAL VARIABILITY~~	~~N~~	~~LA~~	~~SNL~~	~~PAD080~~	~~N/A~~	~~N/A~~	~~05-Feb-07~~						~~XX~~	
493	ConOps - Prepare Final Deliverable	N	LAS	BSC RPM	RP1A0326	P0AR0021	01-Feb-07	06-Feb-07	N/A	12-Mar-07		XX			
494	C-TDIP COMPLETE CSNF/TAD DAMAGE	N	LA	SNL	PACT340	N/A	N/A	07-Feb-07	N/A	18-May-07				XX	
495	Subsurface Concept of Operations. 800-30R-MGR0-00500-000.	N	LA	BSC RPM	RP1A0328	P0AR0022	07-Feb-07	07-Feb-07	N/A	29-Mar-07		XX			
496	MH-RF MEE Cask Trolley Sheet 1 ILA0	N	LA	BSC RPM	RPJK1335	RFKD0113	10-Oct-06	08-Feb-07	16-Aug-06	16-Jan-07	XX		X		
497	MH-RF MEE Cask Trolley Sheet 2 ILA0	N	LA	BSC RPM	RPJK1335	RFKD0114	10-Oct-06	08-Feb-07	16-Aug-06	16-Jan-07	XX		X		
498	MH-RF MEE Canister Transfer Machine Sheet 1 ILA0	N	LA	BSC RPM	RPJK1335	RFKD0115	10-Oct-06	08-Feb-07	16-Aug-06	17-Nov-06	XX		X		
499	MH-RF MEE Canister Transfer Machine Sheet 2 ILA0	N	LA	BSC RPM	RPJK1335	RFKD0116	10-Oct-06	08-Feb-07	16-Aug-06	17-Nov-06	XX		X		
500	MH CRCF P&IDs Cask Trolley ILA0	N	LA	BSC RPM	RP7K1480	C1KD1435	11-Oct-06	09-Feb-07	N/A	01-Mar-07	XX		X		
~~501~~	~~CRCF Structural Tier 1 Steel Design Exterior Steel~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP7L1020~~	~~C1LC0021~~	~~09-Oct-06~~	~~09-Feb-07~~	~~07-Aug-06~~		~~XX~~				
502	CRCF Structural Tier 1 Steel Design Interior Steel	N	LA	BSC RPM	RP7L1020	C1LC0022	09-Oct-06	09-Feb-07	07-Aug-06	24-Mar-07	XX				
503	MH CRCF, P&IDs, Canister Transfer Machine ILA0, Sheet 1	N	LA	BSC RPM	RP7K1405	C1KD1405	11-Oct-06	12-Feb-07	05-Sep-06	23-Feb-07	XX		X		
504	MH CRCF, P&IDs, Canister Transfer Machine ILA0, Sheet 2	N	LA	BSC RPM	RP7K1405	C1KD1406	11-Oct-06	12-Feb-07	05-Sep-06	23-Feb-07	XX		X		
505	MH CRCF, P&IDs, Canister Transfer Machine ILA0, Sheet 3	N	LA	BSC RPM	RP7K1405	C1KD1407	11-Oct-06	12-Feb-07	05-Sep-06	23-Feb-07	XX		X		
~~506~~	~~MH CRCF, P&IDs, Canister Transfer Machine ILA0, Sheet 4~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP7K1405~~	~~C1KD1408~~	~~11-Oct-06~~	~~12-Feb-07~~	~~05-Sep-06~~	~~23-Feb-07~~	~~XX~~		~~X~~		
507	Transport and Emplacement Vehicle ITS Study	N	LA	BSC RPM	RP6K5030	HTKT0107	13-Dec-06	14-Feb-07	1-Nov-06	15-Feb-07		XX			
508	TEV SOR - IFLA	N	LAS	BSC RPM	RP6K5060	HTKT0109	13-Dec-06	14-Feb-07	6-Dec-06	27-Feb-07		XX			

509	Potable Water System P&ID	N	LA	BSC RPM	RP7M1430	C1MD1430	14-Nov-06	15-Feb-07	N/A	24-Mar-07	XX				
510	Fire Scr.Calc IFPE	N	LAS	BSC RPM	RP5W1032	LCWC1032	19-Jan-07	15-Feb-07	N/A	30-Mar-07	XX				
511	DELIVER TWP FOR POST-CLOSURE WP MODELING & TESTING	N	LAS	SNL	PADM0070	N/A	N/A	15-Feb-07	N/A	15-Feb-07				XX	
512	C-TDIP COMPLETE TH & DAMAGE TO EBS	N	LA	SNL	PAMM1028	N/A	N/A	15-Feb-07	N/A	11-May-07				XX	
513	C-TDIP COMPLETE DC W/O FLOURIDE	N	LA	SNL	PACT260	N/A	N/A	16-Feb-07	N/A	23-Mar-07				XX	
514	COMPLETE MOX & LABS GLASS AMR	R	LA	SNL	PAD832S	N/A	N/A	16-Feb-07	N/A	15-Feb-07				XX	
515	PMA TSPA Appendix - Complete Updated Cladding Credit	N	LA	SNL	PAPM3163	N/A	N/A	16-Feb-07	N/A	18-Apr-07				XX	
516	Mech Support BOP Load List for Electrical	N	LAS	BSC RPM	RPCM2043	PDMX0002	22-Jan-07	16-Feb-07	11-Dec-06	01-Mar-07	XX				
517	CRCF Diaphragm Design Calculation	N	LA	BSC RPM	RP7L1035	C1LC0023	04-Dec-06	20-Feb-07	06-Dec-06	20-Mar-07	XX				
518	CRCF Diaphragm Design Calculation	N	LA	BSC RPM	RP7L1035	C1LC0024	04-Dec-06	20-Feb-07	06-Dec-06	20-Mar-07	XX				
519	CRCF Shear Wall Design Calculation	N	LA	BSC RPM	RP7L1050	C1LC0025	04-Dec-06	20-Feb-07	06-Dec-06	01-Mar-07	XX				
520	CRCF Shear Wall Design Calculation	N	LA	BSC RPM	RP7L1050	C1LC0026	04-Dec-06	20-Feb-07	06-Dec-06	01-Mar-07	XX				
521	C-TDIP COMPLETE FEHM MODEL	N	LA	SNL	PACT076	N/A	N/A	20-Feb-07	N/A	27-Apr-07				XX	
~~522~~	~~C-TDIP COMPLETE FEHM MODEL~~	~~N~~	~~LA~~	~~SNL~~	~~PACT076~~	~~N/A~~	~~N/A~~	~~20-Feb-07~~						~~XX~~	
523	MH CRCF, P&IDs Cask Trolley ILA0, Sheet 1	N	LA	BSC RPM	RP7K1480	C1KD1480	11-Oct-06	23-Feb-07	11-Oct-06	01-Mar-07	XX		X		
~~524~~	~~MH CRCF, P&IDs Cask Trolley ILA0, Sheet 2~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP7K1480~~	~~C1KD1481~~	~~11-Oct-06~~	~~23-Feb-07~~	~~11-Oct-06~~		~~XX~~		~~X~~		
~~525~~	~~MH CRCF, P&IDs Cask Trolley ILA0, Sheet 3~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP7K1480~~	~~C1KD1482~~	~~11-Oct-06~~	~~23-Feb-07~~	~~11-Oct-06~~		~~XX~~		~~X~~		
526	COMPLETE RADIONUCLIDE SCREEN AMR	R	LA	SNL	PAD830S	N/A	N/A	23-Feb-07	N/A	20-Mar-07				XX	
527	COMPLETE THERMAL TEST MEASUREMENT REPORT	N	LAS	SNL	PAD848S	N/A	N/A	23-Feb-07	N/A	22-Feb-07				XX	
528	WHF Tornado Missile Calculation	N	LA	BSC RPM	RPHL1030	WFLC0014	20-Sep-06	23-Feb-07	12-Sep-06	28-Mar-07	XX				
529	PRELIMINARY EQUIPMENT MODEL ILA0	N	LAS	BSC RPM	RPHP1000	WFPO1003	12-Apr-06	23-Feb-07	12-Apr-06	30-Mar-07	XX				
530	Preliminary Steel Design Calculation (Combined w/Structural Model for Analysis - LCLC0001)	N	LA	BSC RPM	RP5L1110	LCLC0009	15-Jan-07	26-Feb-07	06-Nov-06	29-Mar-07	XX				
~~531~~	~~CHARACTERIZATION of ERUPTIVE PROCESSES APPROVED~~	~~R~~	~~LA~~	~~SNL~~	~~PAD732S~~	~~N/A~~	~~N/A~~	~~26-Feb-07~~						~~XX~~	
532	C-TDIP COMPLETE WF/IN-DRIFT COLLOIDS	N	LA	SNL	PAFM03407	N/A	N/A	26-Feb-07	N/A	10-May-07				XX	
533	Characterization of Eruptive Processes	R	LA	SNL	PAD732S	Note 2	N/A	26-Feb-07	N/A	26-Feb-07	X			XX	
~~534~~	~~Tier 2 Analytical Model~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP5L1055~~	~~LCLC0010~~	~~16-Jan-07~~	~~27-Feb-07~~	~~16-Jan-07~~		~~XX~~				
535	C-TDIP COMPLETE DRIFT SEEPAGE	N	LA	SNL	PACT170	N/A	N/A	27-Feb-07	N/A	09-Apr-07				XX	
536	C-TDIP COMPLETE THERMAL LOADING/INVENTORY	N	LA	SNL	PAFM04018	NA	N/A	27-Feb-07		19-Apr-07			X	XX	
537	CCCF Sections and Details IFLA	N	LA	BSC RPM	RPYL5714	CCLD0021	03-Jan-07	28-Feb-07	13-Feb-07		XX				
538	Complete C-TDIP EBS Radionuclide Transport Abstraction	N	LA	SNL	PACD001j12	N/A	N/A	28-Feb-07		13-Apr-07				XX	
539	Postclosure Modeling and Analyses Design Parameters TDR-MGR-MD-000037 REV 01.	R	LA	BSC L&NS	N/A	NA	15-Jul-06	28-Feb-07	15-Jul-06	21-May-07			XX		
540	Site - Shielding Requirements - Rev A	N	LA	BSC RPM	RPZN6095	PDNC6095	02-Oct-06	28-Feb-07	8-Nov-06	28-Feb-07					XX
541	WHF TAD Drying and Inerting P&ID sheet 1	N	LA	BSC RPM	RPHB1110	WFBD1110	31-Aug-06	28-Feb-07	18-Jul-06	30-Mar-07	XX				
542	WHF TAD Drying and Inerting P&ID sheet 2	N	LA	BSC RPM	RPHB1110	WFBD1111	31-Aug-06	28-Feb-07	18-Jul-06	30-Mar-07	XX				
543	FHA - ILA0	N	LA	BSC RPM	RP7W2005	C1WC2005	29-Nov-06	01-Mar-07	N/A	30-Mar-07	XX		X		
544	EMMS - Revise EMMS Func Block Diag IFLA	R	LA	BSC RPM	RPQJ3352	CAJD0004	04-Jan-07	01-Mar-07	N/A	22-Feb-07	XX				
545	RRMS - Revise RRMS Funct. Blk Diag IFLA	R	LA	BSC RPM	RPQJ3401	CAJD0005	04-Jan-07	01-Mar-07	N/A	22-Feb-07	XX				
546	EDF Fire Hazard Analysis	N	LA	BSC RPM	RPUW3475	DGWC3475	30-Oct-06	01-Mar-07	N/A	29-Mar-07	XX		X		
547	MH-IHF P&IDs Loadout Equipment ILA0 sheet 1	N	LA	BSC RPM	RP5K1410	LCKD1410	30-Oct-06	01-Mar-07	10-Nov-06	14-Feb-07	XX		X		
548	MH-IHF P&IDs Loadout Equipment ILA0 sheet 2	N	LA	BSC RPM	RP5K1410	LCKD1411	30-Oct-06	01-Mar-07	10-Nov-06	14-Feb-07	XX		X		
549	MH-IHF P&IDs Loadout Equipment ILA0 sheet 3	N	LA	BSC RPM	RP5K1410	LCKD1412	30-Oct-06	01-Mar-07	10-Nov-06	14-Feb-07	XX		X		
550	Potable Water System P&ID - Sheet 1	N	LAS	BSC RPM	RP5M1420	LCMD1421	06-Nov-06	01-Mar-07	22-Jan-07	24-Mar-07	XX				
551	Potable Water System P&ID - Sheet 2	N	LAS	BSC RPM	RP5M1420	LCMD1422	06-Nov-06	01-Mar-07	22-Jan-07	24-Mar-07	XX				
552	C-TDIP COMPLETE PARTICLE TRACKING	N	LA	SNL	PACT110	N/A	N/A	01-Mar-07	N/A	27-Apr-07				XX	
553	Finalized Prelim Shielding/Dose Rate Calcs Note: These are MCNP Computer runs. The results are documented in RP7N1060.	N	LA	BSC RPM	RPJN1515	RFNC1515A	29-Nov-06	01-Mar-07	N/A	22-Mar-07					XX
554	CRCF Preliminary Throughput Analysis	N	LA	BSC RPM	RP7S0100	C1SC1000	07-Jun-06	30-Oct-06	07-Jun-06	02-Feb-07	XX				
555	Preliminary Throughput Analysis - IHF	N	LA	BSC RPM	RP5S1000	LCSC1000	22-May-06	02-Oct-06	04-May-06	14-Aug-06	XX				
556	COMPLETE IDPS AMR	R	LA	SNL	PAD845S	N/A	N/A	02-Mar-07	N/A	02-Mar-07				XX	
557	C-TDIP COMPLETE CONV/COND	N	LA	SNL	PAEB0105	N/A	N/A	02-Mar-07	N/A	20-Apr-07				XX	
558	MH-WHF MEE Pool Filter Crane	N	LA	BSC RPM	RPHK2340	WFKD134E	15-Sep-06	02-Mar-07	28-Aug-06	14-Mar-07	XX				
559	MH-WHF MEE Cask Yoke 1	N	LA	BSC RPM	RPHK2340	WFKD134F	15-Sep-06	02-Mar-07	28-Aug-06	05-Mar-07	XX				
560	MH-WHF MEE Cask Yoke 2	N	LA	BSC RPM	RPHK2340	WFKD134H	15-Sep-06	02-Mar-07	28-Aug-06	05-Mar-07	XX				
561	MH-WHF MEE BWR Lifting Grapple	N	LA	BSC RPM	RPHK2340	WFKD134M	15-Sep-06	02-Mar-07	28-Aug-06	14-Feb-07	XX				
562	MH-WHF MEE PWR Lifting Grapple	N	LA	BSC RPM	RPHK2340	WFKD135L	15-Sep-06	02-Mar-07	28-Aug-06	14-Feb-07	XX				
563	Canister Receipt and Closure Facility Worker Dose Assessment	N	LA	BSC RPM	RP7N1090	C1NC1090	08-Jan-07	05-Mar-07	N/A	29-Mar-07					XX
564	C-TDIP COMPLETE KDs & CORRELATION	N	LA	SNL	PAUZ341G	N/A	N/A	05-Mar-07	N/A	13-Apr-07				XX	
565	RF Concrete Diaphragm Design	N	LA	BSC RPM	RPJL1035	RFLC0007	16-Jan-07	05-Mar-07	16-Jan-07	23-Mar-07	XX				
566	RF Tier 1 Foundation Stability and Design	N	LA	BSC RPM	RPJL1045	RFLC0009	16-Jan-07	05-Mar-07	28-Jan-07	28-Mar-07	XX				
567	RF Shear Wall Design	N	LA	BSC RPM	RPJL1050	RFLC0010	16-Jan-07	05-Mar-07	16-Jan-07	22-Mar-07	XX				
568	C-TDIP COMPLETE FLOW FIELDS	N	LA	SNL	PACT008	N/A	N/A	06-Mar-07	N/A	09-Apr-07				XX	
569	C-TDIP COMPLETE DS FRAGILITY	N	LA	SNL	PACT350	N/A	N/A	06-Mar-07	N/A	18-May-07				XX	
570	C-TDIP COMPLETE ASHPLUME	N	LA	SNL	PACT390	N/A	N/A	06-Mar-07	N/A	02-Apr-07				XX	
571	C-TDIP COMPLETE P&CE	N	LA	SNL	PACT200	N/A	N/A	07-Mar-07	N/A	03-Apr-07				XX	
572	MH-IHF P&IDs Cask Handling Crane ILA0 sheet 1	N	LA	BSC RPM	RP5K1440	LCKD1440	06-Nov-06	08-Mar-07	N/A	02-Mar-07	XX		X		
573	MH-IHF P&IDs Cask Handling Crane ILA0 sheet 2	N	LA	BSC RPM	RP5K1440	LCKD1441	06-Nov-06	08-Mar-07	N/A	02-Mar-07	XX		X		
574	MH-IHF P&IDs Cask Yoke ILA0	N	LA	BSC RPM	RP5K1440	LCKD1442	06-Nov-06	08-Mar-07	N/A	15-Mar-07	XX		X		
575	MH-IHF WP Pallet Yoke ILA0	N	LA	BSC RPM	RP5K1440	LCKD1443	06-Nov-06	08-Mar-07	N/A	15-Mar-07	XX		X		
576	MH-IHF P&IDs Canister Transfer Machine ILA0 sheet 1	N	LA	BSC RPM	RP5K1440	LCKD1444	06-Nov-06	08-Mar-07	N/A	23-Feb-07	XX		X		
577	MH-IHF P&IDs Canister Transfer Machine ILA0 sheet 2	N	LA	BSC RPM	RP5K1440	LCKD1445	06-Nov-06	08-Mar-07	N/A	23-Feb-07	XX		X		
578	MH-IHF P&IDs WP Closure Room Crane ILA0 Sheet 1	N	LA	BSC RPM	RP5K1440	LCKD1446	06-Nov-06	08-Mar-07	N/A	15-Mar-07	XX		X		
579	MH-IHF P&IDs WP Closure Room Crane ILA0 Sheet 2	N	LA	BSC RPM	RP5K1440	LCKD1447	06-Nov-06	08-Mar-07	N/A	15-Mar-07	XX		X		
580	MH-IHF P&IDs WP Handling Crane ILA0 sheet 1	N	LA	BSC RPM	RP5K1440	LCKD1448	06-Nov-06	08-Mar-07	N/A	02-Mar-07	XX		X		
581	MH-IHF P&IDs WP Handling Crane ILA0 sheet 2	N	LA	BSC RPM	RP5K1440	LCKD1449	06-Nov-06	08-Mar-07	N/A	02-Mar-07	XX		X		
582	C-TDIP COMPLETE DC WITH FLOURIDE	N	LA	SNL	PACT270	N/A	N/A	08-Mar-07	N/A	23-Mar-07				XX	
583	C-TDIP COMPLETE OF WPS HIT EXTRUSIVE	N	LA	SNL	PACT407	N/A	N/A	08-Mar-07	N/A	19-Apr-07				XX	
584	Bounding Characteristics of Credible Rockfalls of Preclosure Period.	R	LA	BSC L&NS	LAP1007	NA	15-Jun-06	08-Mar-07	24-Apr-06	29-Mar-07			XX		
585	Fire Suppression Calculation-ILAO	N	LAS	BSC RPM	RP5W1060	LCWD1060	21-Dec-06	09-Mar-07	N/A	09-Mar-07	XX		X		
586	Fire Suppression P&ID Sheet 1- ILA0	N	LAS	BSC RPM	RP5W1060	LCWD1061	21-Dec-06	09-Mar-07	N/A	24-Mar-07	XX		X		
587	Fire Suppression P&ID Sheet 2- ILA0	N	LAS	BSC RPM	RP5W1060	LCWD1062	21-Dec-06	09-Mar-07	N/A	24-Mar-07	XX		X		
588	Fire Suppression P&ID Sheet 3- ILA0	N	LAS	BSC RPM	RP5W1060	LCWD1063	21-Dec-06	09-Mar-07	N/A	24-Mar-07	XX		X		
589	MHDR for STC (for TADs)	N	LA	BSC RPM	RPHK1030	WFKR1030	15-Mar-07	27-Jun-07	02-Jan-07				XX		
590	MHDR for Site Transporter (for TADs)	N	LA	BSC RPM	RPHK1120	WFKR1120	15-Mar-07	27-Jun-07					XX		
591	MHDR for Ancillary Equipment (for TADs) - Workscope is covered under MHDR for ITS Cranes - RP7K1140	N	LA	BSC RPM	RP7K1140	C1KR1140	30-Oct-06	10-May-07	05-Feb-07	10-May-07			XX		
592	C-TDIP COMPLETE SCALED FLOW FIELDS	N	LA	SNL	PACT220	N/A	N/A	12-Mar-07	N/A	30-Apr-07				XX	
593	C-TDIP COMPLETE IPC ABSTRACTION	N	LAS	SNL	PAF03104	N/A	N/A	12-Mar-07	N/A	30-Apr-07				XX	
594	C-TDIP COMPLETE DIFFUSION COEFFICIENTS	N	LA	SNL	PAUZ341c	N/A	N/A	12-Mar-07	N/A	13-Apr-07				XX	
595	PRELIMINARY EQUIPMENT MODEL ILA0	N	LAS	BSC RPM	RPJP1000	RFPO1004	13-Feb-06	12-Mar-07	27-Mar-06	29-Mar-07	XX				
596	WHF - Pool Water Treatment Collection Calc	N	LAS	BSC RPM	RPHB1150	WFBC1150	31-Aug-06	12-Mar-07	31-Aug-06	29-Mar-07	XX				
597	WHF - Pool Water Treatment Collection P&ID	N	LA	BSC RPM	RPHB1150	WFBD1450	31-Aug-06	12-Mar-07	31-Aug-06	29-Mar-07	XX				
598	C-TDIP COMPLETE FAR/REDISTRIBUTION	N	LA	SNL	PACT400	N/A	N/A	13-Mar-07	N/A	30-Apr-07				XX	

599	Transport and Emplacement Vehicle MEE	N	LA	BSC RPM	RP6K5020	HTKD0103	16-Oct-06	15-Mar-07	16-Oct-06	12-Mar-07		XX			
600	MH-IHF P&IDs WP Trolley ILA0 sheet 1	N	LA	BSC RPM	RP5K1475	LCKD1475	13-Nov-06	15-Mar-07	08-Nov-06	14-Feb-07	XX		X		
601	MH-IHF P&IDs WP Trolley ILA0 sheet 2	N	LA	BSC RPM	RP5K1475	LCKD1476	13-Nov-06	15-Mar-07	08-Nov-06	14-Feb-07	XX		X		
602	MH-IHF P&IDs WP Trolley ILA0 sheet 3	N	LA	BSC RPM	RP5K1475	LCKD1477	13-Nov-06	15-Mar-07	08-Nov-06	14-Feb-07	XX		X		
603	MH-IHF P&IDs WP Trolley ILA0 sheet 4	N	LA	BSC RPM	RP5K1475	LCKD1478	13-Nov-06	15-Mar-07	08-Nov-06	14-Feb-07	XX		X		
604	C-TDIP COMPLETE PARAMETERS	N	LA	SNL	PACT096	N/A	N/A	15-Mar-07	N/A	27-Apr-07				XX	
605	Preclosure Seismic Design Methodology for a Geologic Repository at Yucca Mountain. TDR-WHS-MD-000004 REV 01.	R	LA	BSC RPM	PAD64190	NA	6-Mar-07	15-Mar-07	11-Jun-07	25-Jun-07			XX		
606	MH-WHF MEE FHM Grapple Staging Rack ILA0	N	LA	BSC RPM	RPHK2355	WFKD235A	13-Nov-06	15-Mar-07	N/A	06-Mar-07	XX		X		
607	MH-WHF MEE SNF Staging Rack ILA0	N	LA	BSC RPM	RPHK2355	WFKD235B	13-Nov-06	15-Mar-07	12-Jan-07	25-Jan-07	XX		X		
608	MH-WHF MEE DPC Transfer Station ILA0	N	LA	BSC RPM	RPHK2355	WFKD235C	13-Nov-06	15-Mar-07	N/A	12-Mar-07	XX		X		
609	MH-WHF MEE STC/TAD Transfer Station ILA0	N	LA	BSC RPM	RPHK2355	WFKD235D	13-Nov-06	15-Mar-07	N/A	13-Mar-07	XX		X		
610	MH-WHF MEE Rail Cask Transfer Station ILA0	N	LA	BSC RPM	RPHK2355	WFKD235E	13-Nov-06	15-Mar-07	N/A	13-Mar-07	XX		X		
611	MH-WHF MEE Truck Cask Transfer Station ILA0	N	LA	BSC RPM	RPHK2355	WFKD235F	13-Nov-06	15-Mar-07	N/A	13-Mar-07	XX		X		
612	MH-WHF MEE Deep Remediation Station ILA0	N	LA	BSC RPM	RPHK2355	WFKD235G	13-Nov-06	15-Mar-07	N/A	12-Mar-07	XX		X		
613	MH-WHF MEE Long Reach Adapter ILA0	N	LA	BSC RPM	RPHK2355	WFKD235W	13-Nov-06	15-Mar-07	N/A	19-Mar-07	XX		X		
614	MH-WHF MEE Long Reach Adapter Stand ILA0	N	LA	BSC RPM	RPHK2355	WFKD235X	13-Nov-06	15-Mar-07	N/A	19-Mar-07	XX		X		
615	MH-WHF MEE Wash Lance ILA0	N	LA	BSC RPM	RPHK2355	WFKD235Y	13-Nov-06	15-Mar-07	N/A	01-Mar-07	XX		X		
616	MH-WHF MEE DPC Cutting Sheet 1 ILA0	N	LA	BSC RPM	RPHK2370	WFKD2370	14-Nov-06	16-Mar-07	11-Dec-06	08-Mar-07	XX				
617	MH-WHF MEE DPC Cutting Sheet 2 ILA0	N	LA	BSC RPM	RPHK2370	WFKD2371	14-Nov-06	16-Mar-07	11-Dec-06	08-Mar-07	XX				
618	MH-WHF MEE DPC Cutting Sheet 3 ILA0	N	LA	BSC RPM	RPHK2370	WFKD2372	14-Nov-06	16-Mar-07	11-Dec-06	08-Mar-07	XX				
619	Wet Handling Facility - Service Gas Systems Calculation	N	LAS	BSC RPM	RPHM1180	WFMC1180	30-Jun-06	16-Mar-07	30-Jun-06	22-Mar-07	XX				
620	HFM (Hydrogeologic Framework Model)	R	LA	SNL	PAD820S	Note 2	#N/A	19-Mar-07	N/A	05-Apr-07	X			XX	
621	Evaluation of up to 177 deg. temperature effects on non-emplacement openings	R	LAS	BSC RPM	RP1G0155	P0GR0004	02-Oct-06	19-Mar-07	23-Oct-06	27-Mar-07		XX			
622	Emplacement Drift Steel Invert Structural Drawings	N	LA	BSC RPM	RP1C1115	P0LD0110	25-Jan-07	19-Mar-07	N/A	27-Mar-07		XX			
623	Preliminary Raceway Model IFPE	N	LAS	BSC RPM	RPJP1015	RFPO1002A	11-Oct-06	19-Mar-07	01-Nov-06	29-Mar-07	XX				
624	Preliminary Piping Model IFPE	N	LAS	BSC RPM	RPJP1040	RFPO1003A	23-Oct-06	19-Mar-07	14-Nov-06	29-Mar-07	XX				
625	Stress Corrosion Cracking AMR	R	LA	SNL	PAD319S	S30502	02-Oct-06	19-Mar-07	2-Oct-06	25-May-07		X		XX	
626	C-TDIP COMPLETE OF WPS HIT INTRUSIVE	N	LA	SNL	PACT411	N/A	N/A	21-Mar-07	N/A	19-Apr-07				XX	
627	DCS - Revise DCMIS Funct. Block Diag IFLA	R	LA	BSC RPM	RPQJ3481	CAJD0001	20-Nov-06	22-Mar-07	20-Nov-06	22-Feb-07	XX				
628	DCS - Revise DCMIS Funct. Block Diag IFLA	R	LA	BSC RPM	RPQJ3481	CAJD0002	20-Nov-06	22-Mar-07	20-Nov-06	22-Feb-07	XX				
629	C-TDIP COMPLETE PROBABILITY WEIGHTING	N	LA	SNL	PACT020	N/A	N/A	22-Mar-07	N/A	09-Apr-07				XX	
630	Service Gases Calculation Input	N	LAS	BSC RPM	RP5M1180	LCMC1180	02-Jan-07	23-Mar-07	23-Aug-06	22-Mar-07	XX				
631	C-TDIP COMPLETE POST - 10K WEIGHTED FLOW FIELDS	N	LA	SNL	PACT050	N/A	N/A	23-Mar-07	N/A	09-Apr-07				XX	
632	C-TDIP COMPLETE PERCOLATION	N	LA	SNL	PACT420	N/A	N/A	23-Mar-07	N/A	09-Apr-07				XX	
633	Turnout Drifts Ventilation Door & Bulkhead Plan Rev B	N	LA	BSC RPM	RP1C0228	P0LD0133	16-Feb-07	23-Mar-07	N/A	27-Mar-07		XX			
634	C-TDIP COMPLETE UZ&SZ BINNING	N	LA	SNL	PACT086	N/A	N/A	26-Mar-07	N/A	27-Apr-07				XX	
635	Receipt Facility Fire Screening Calc.	N	LAS	BSC RPM	RPJW1035	RFWC1035	22-Nov-06	26-Mar-07	07-Nov-06	30-Mar-07	XX		X		
636	General Purpose Air P&ID - Sheet 1	N	LAS	BSC RPM	RP5M1410	LCMD1411	02-Jan-07	27-Mar-07	N/A	28-Mar-07	XX				
637	General Purpose Air P&ID - Sheet 2	N	LAS	BSC RPM	RP5M1410	LCMD1412	02-Jan-07	27-Mar-07	N/A	28-Mar-07	XX				
638	Instrument Air P&ID	N	LAS	BSC RPM	RP5M1460	LCMD1460	02-Jan-07	27-Mar-07	N/A	28-Mar-07	XX				
639	Preliminary Raceway Model IFPE	N	LAS	BSC RPM	RP5P1015	LCPO1003	14-Dec-06	27-Mar-07	N/A	28-Mar-07	XX				
640	Preliminary Piping Model IFPE	N	LAS	BSC RPM	RP5P1040	LCPO1004A	02-Jan-07	27-Mar-07	N/A	28-Mar-07	XX				
641	C-TDIP COMPLETE BREAKTHROUGH CURVES	N	LA	SNL	PACT120	N/A	N/A	27-Mar-07	N/A	04-Apr-07				XX	
642	Comm. Sys. - Revise Functional Block Diag IFLA	R	LA	BSC RPM	RPQJ4007	CAJD0003	03-Jan-07	28-Mar-07	N/A	22-Feb-07	XX				
643	Gen Purpose & Instrument Air Sys Calc	N	LAS	BSC RPM	RPJM1110	RFMC1110	28-Nov-06	28-Mar-07	N/A	24-Mar-07	XX				
644	DI & Potable Water System Calc	N	LAS	BSC RPM	RPJM1120	RFMC1120	03-Jan-07	28-Mar-07	10-Nov-06	12-Mar-07	XX				
645	Develop Potable Water System Prelim Load Calculation	N	LAS	BSC RPM	RPQM6263	WSMC0005	31-Jan-07	28-Mar-07	04-Dec-06	29-Mar-07	XX				
646	Develop Potable Water System Prelim Equipment Sizing	N	LAS	BSC RPM	RPQM6263	WSMC0006	31-Jan-07	28-Mar-07	04-Dec-06	29-Mar-07	XX				
647	MH-WHF MEE Canister Transfer Machine ILA0	N	LA	BSC RPM	RPHK1305	WFKD1305	04-Jan-07	29-Mar-07	05-Sep-06	17-Nov-06	XX		X		
648	MH-WHF P&ID Fuel Handling Machine Sheet 1 ILA0	N	LA	BSC RPM	RPHK1460	WFKD1460	29-Nov-06	29-Mar-07	04-Dec-06	12-Mar-07	XX		X		
649	MH-WHF P&ID Fuel Handling Machine Sheet 2 ILA0	N	LA	BSC RPM	RPHK1460	WFKD1461	29-Nov-06	29-Mar-07	04-Dec-06	12-Mar-07	XX		X		
650	C-TDIP COMPLETE DHLW DAMAGE	N	LA	SNL	PACT360	N/A	N/A	30-Mar-07	N/A	18-May-07				XX	
651	C-TDIP COMPLETE SEISMIC ABSTRACTION	N	LA	SNL	PACT370	N/A	N/A	30-Mar-07	N/A	18-May-07				XX	
652	COMPLETE QUANTIFICATION of THERMODYNAMIC DATA	N	LAS	SNL	PAD844S	N/A	N/A	30-Mar-07	N/A	15-Jun-07				XX	
~~653~~	~~FINALIZE POSTCLOSURE NUCLEAR SAFETY DESIGN BASES DOC~~	~~R~~	~~LA~~	~~SNL~~	~~PAD901S~~	~~N/A~~	~~N/A~~	~~30-Mar-07~~						~~XX~~	
654	SUBMIT ELECTROCHEMICAL TESTING DATA to TDMS	N	LAS	SNL	PAPT1130	N/A	N/A	30-Mar-07						XX	
655	Receive Preliminary PMA TSPA Appendix DTN FEEDS	N/A	LAS	SNL	PATS300M10	N/A	N/A	30-Mar-07	N/A	13-Apr-07				XX	
656	PC DEPARTMENT STRATEGY	N	LAS	SNL	PCTP0005	N/A	N/A	30-Mar-07	N/A	15-Feb-07				XX	
657	TAD Long Waste Package Configuration Drawings	N	LA	BSC RPM	RPWP0265	W2DD0067	02-Feb-07	30-Mar-07	N/A	21-Feb-07		XX			
658	C-TDIP COMPLETE GROUND WATER BDCFS	N	LA	SNL	PAB4009	N/A	N/A	02-Apr-07	N/A	23-Mar-07				XX	
659	C-TDIP COMPLETE GROUND WATER PERF	N	LA	SNL	PAB4014	N/A	N/A	02-Apr-07	N/A	23-Mar-07				XX	
660	C-TDIP COMPLETE VOLCANIC & INHALATION	N	LA	SNL	PAB4019	N/A	N/A	02-Apr-07	N/A	23-Mar-07				XX	
661	Emplacement Drift Steel Invert Structural Calculation	N	LA	BSC RPM	RP1C1110	P0LC0105	04-Jan-07	02-Apr-07	N/A	23-Mar-07		XX			
662	Wet Handling Facility - Potable Water System P&ID	N	LAS	BSC RPM	RPHM1420	WFMD1420	28-Nov-06	02-Apr-07	N/A	24-Mar-07	XX				
663	Potable Water P&ID	N	LAS	BSC RPM	RPHM1420	WFMD1421	28-Nov-06	02-Apr-07	N/A	24-Mar-07	XX				
664	DI Water system P&ID	N	LAS	BSC RPM	RPHM1420	WFMD1422	28-Nov-06	02-Apr-07	05-Mar-07	10-May-07	XX				
665	Preliminary Raceway Model IFPE	N	LAS	BSC RPM	RPHP1015	WFPO1002A	11-Dec-06	02-Apr-07	11-Dec-06	16-Apr-07	XX				
666	MH-CRCF, Cask Handling Yoke MEE	N	LA	BSC RPM	RP7K1340	C1KD0601	11-Jul-06	03-Apr-07	17-Jul-06	05-Mar-07	XX				
667	SUBMIT WP OUTER BARRIER AMR	R	LA	SNL	PAD317S	N/A	N/A	05-Apr-07						XX	
668	Ground support drawings for emplacement drifts	N	LAS	BSC RPM	RP1G0605	P0GD7164	18-May-06	05-Apr-07	N/A	10-May-07		XX			
669	Welding End Effector	R	LA	BSC RPM	RPKBWP210	See Note 1	13-Nov-06	06-Apr-07	N/A	01-Mar-07	XX				
670	Waste Package Closure Weld	R	LA	BSC RPM	RPKBWP210	See Note 1	13-Nov-06	06-Apr-07	N/A	06-Mar-07	XX				
671	Simplified Waste Package Closure System Operational Flow Diagram	R	LA	BSC RPM	RPKBWP210	See Note 1	13-Nov-06	06-Apr-07	N/A	16-Apr-07	XX				
672	MH-WHF MEE Personnel Access Doors Sheet 1 ILA0	N	LA	BSC RPM	RPHK2320	WFKD232A	02-Oct-06	06-Apr-07	20-Sep-06	12-Dec-06	XX				
673	MH-WHF MEE Shield Doors Sheet 1 ILA0	N	LA	BSC RPM	RPHK2320	WFKD232C	02-Oct-06	06-Apr-07	20-Sep-06	12-Dec-06	XX				
674	MH-WHF MEE Preparation Stations Sheet 1 ILA0	N	LA	BSC RPM	RPHK2320	WFKD232E	02-Oct-06	06-Apr-07	20-Sep-06	15-Mar-07	XX				
675	MH-WHF MEE Preparation Stations Sheet 2 ILA0	N	LA	BSC RPM	RPHK2320	WFKD232F	02-Oct-06	06-Apr-07	20-Sep-06	15-Mar-07	XX				
676	MH-WHF MEE Decontamination Pit Cover ILA0	N	LA	BSC RPM	RPHK2320	WFKD232G	02-Oct-06	06-Apr-07	20-Sep-06	26-Mar-07	XX				
677	MH-WHF MEE Crush Pads ILA0	N	LA	BSC RPM	RPHK2320	WFKD232H	02-Oct-06	06-Apr-07	20-Sep-06	17-Apr-07	XX				
678	MH-WHF MEE DPC Cutting Gate ILA0	N	LA	BSC RPM	RPHK2320	WFKD232J	02-Oct-06	06-Apr-07	20-Sep-06	15-Feb-07	XX				
679	MH-WHF MEE Lid Adapters ILA0	N	LA	BSC RPM	RPHK2320	WFKD232K	02-Oct-06	06-Apr-07	20-Sep-06	24-May-07	XX				
680	MH-WHF MEE Shield Gates ILA0	N	LA	BSC RPM	RPHK2320	WFKD232L	02-Oct-06	06-Apr-07	20-Sep-06	19-Dec-06	XX				
681	C-TDIP COMPLETE 1-D TRANSPORT MODEL	N	LA	SNL	PACT130	N/A	N/A	09-Apr-07	N/A	01-May-07				XX	
682	RECEIVE TDIPS - COMPLIANCE	N/A	LAS	SNL	PATS300MC	N/A	N/A	09-Apr-07	N/A	18-May-07				XX	
683	WHF Concrete Slab and Diaphragm Design	N	LA	BSC RPM	RPHL1035	WFLC0011	15-Jan-07	09-Apr-07	11-Jan-07	09-May-07	XX				
684	WHF Concrete Slab and Diaphragm Design	N	LA	BSC RPM	RPHL1035	WFLC0012	15-Jan-07	09-Apr-07	11-Jan-07	09-May-07	XX				
685	WHF Concrete Slab and Diaphragm Design	N	LA	BSC RPM	RPHL1035	WFLC0013	15-Jan-07	09-Apr-07	11-Jan-07	09-May-07	XX				
686	Preliminary HVAC Model ILPE	N	LAS	BSC RPM	RPJP1005	RFPO1001A	21-Nov-06	10-Apr-07	17-Jul-06	31-May-07	XX				
687	Single Line Diagram - 480V Load Center 06	N	LAS	BSC RPM	RP3E1200	LWED0021	15-Mar-07	11-Apr-07	N/A	19-Apr-07	XX		X		
688	Single Line Diagram - 480V MCC 06A	N	LAS	BSC RPM	RP3E1200	LWED0022	15-Mar-07	11-Apr-07	N/A	19-Apr-07	XX		X		
689	Single Line Diagram - 480V MCC 06B	N	LAS	BSC RPM	RP3E1200	LWED0023	15-Mar-07	11-Apr-07	N/A	19-Apr-07	XX		X		

690	Single Line Diagram - UPS Inverter 06	N	LAS	BSC RPM	RP3E1200	LWED0024	15-Mar-07	11-Apr-07	N/A	19-Apr-07	XX		X		
691	Preliminary Equipment Model IFPE	N	LAS	BSC RPM	RP3P1000	LWPO1001	15-Mar-07	11-Apr-07			XX				
692	Preliminary Piping Model IFPE	N	LAS	BSC RPM	RP3P1040	LWPO1004	29-Mar-07	11-Apr-07			XX				
693	HVAC V&IDs (ITS) ILAO	N	LA	BSC RPM	RPUH1025	H1025S1	18-Jan-07	12-Apr-07	22-Nov-06	04-Jun-07	XX				
694	HVAC V&IDs (ITS) ILAO	N	LA	BSC RPM	RPUH1025	H1025S2	18-Jan-07	12-Apr-07	22-Nov-06	04-Jun-07	XX				
695	HVAC V&IDs (ITS) ILAO	N	LA	BSC RPM	RPUH1025	H1025S3	18-Jan-07	12-Apr-07	22-Nov-06	04-Jun-07	XX				
696	Drip Shield Gantry Mechanical Equipment Envelope	N	LA	BSC RPM	RP6K1432	HTKD0114	16-Mar-07	12-Apr-07	14-Mar-07	10-May-07		XX			
697	SUBMIT EARLY FAILURE PREP AMR	R	LA	SNL	PAD446S	N/A	N/A	12-Apr-07	N/A	29-Jun-07				XX	
698	Ground support dwgs - ventilation shafts & raise	N	LAS	BSC RPM	RP1G0615	P0GD7167	18-May-06	12-Apr-07	N/A	10-May-07		XX			
699	Subsurface Worker Dose Assessment	N	LAS	BSC RPM	RP1N0625	P0NC0625	13-Dec-06	13-Apr-07	13-Dec-06	21-Jun-07		XX			
700	Building Infiltration	N	LA	BSC RPM	RPHH130	WFHC1301	14-Dec-06	13-Apr-07	01-Jun-06	25-May-07	XX		X		
701	Confinement Zoning	N	LA	BSC RPM	RPHH130	WFHC1302	14-Dec-06	13-Apr-07	01-Jun-06	20-Feb-07	XX		X		
702	Pressure drop	N	LA	BSC RPM	RPHH130	WFHC1303	14-Dec-06	13-Apr-07	01-Jun-06	03-May-07	XX		X		
703	Equip. Sizing	N	LA	BSC RPM	RPHH130	WFHC1304	14-Dec-06	13-Apr-07	01-Jun-06	28-May-07	XX		X		
704	ITS Elec/battery Room Calc	N	LA	BSC RPM	RPHH130	WFHC1305	14-Dec-06	13-Apr-07	01-Jun-06	31-May-07	XX		X		
705	Confinement ITS Exhaust	N	LA	BSC RPM	RPHH026	WFHD1028	19-Dec-06	13-Apr-07	27-Nov-06	04-Jun-07	XX		X		
706	Elec. Room ITS Cooling	N	LA	BSC RPM	RPHH026	WFHD1029	19-Dec-06	13-Apr-07	27-Nov-06	04-Jun-07	XX		X		
707	Subsurface Thermal Off-Normal	N	LA	BSC RPM	RPWP0056	W2DC0102	01-Dec-06	16-Apr-07	N/A	12-Mar-07		XX			
708	COMPLETE SZ IN-SITU TESTING AMR	R	LA	SNL	PAD822S	N/A	N/A	16-Apr-07	N/A	06-Jun-07				XX	
~~709~~	~~Sensitivity of Waste Stream Arrival~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPWP0018~~	~~W2DC0036~~	~~08-Jan-07~~	~~17-Apr-07~~	~~02-Apr-07~~		~~XX~~				
710	Sensitivity Studies of Waste Stream Arrival TAD Canisters	N	LA	BSC RPM	RPWP0018	W2DC0036	08-Jan-07	17-Apr-07	2-Apr-07		X	XX			
711	MH-WHF P&ID STC Transfer Trolley ILA0	N	LA	BSC RPM	RPHK2435	WFKD2435	18-Dec-06	17-Apr-07	N/A	02-Mar-07	XX				
712	MH-WHF P&ID Mobile Access Platforms ILA0	N	LA	BSC RPM	RPHK2435	WFKD2436	18-Dec-06	17-Apr-07	26-Apr-07	24-May-07	XX				
713	VFD Non-ITS C1 Support and Offices (BCP YMP 2007-001 r1)	N	LA	BSC RPM	RPJH1060	RFHD0003	17-Nov-06	18-Apr-07	05-Sep-06	04-Jun-07	XX		X		
714	VFD ITS C1 Elect MCC and Battery Rms	N	LA	BSC RPM	RPJH1060	RFHD0004	17-Nov-06	18-Apr-07	05-Sep-06		XX		X		
715	Chilled Water System Load Calc	N	LAS	BSC RPM	RPJM1140	RFMC1141	17-Nov-06	18-Apr-07	22-Jan-07	28-May-07	XX				
716	Chilled Water Equipment Sizing	N	LAS	BSC RPM	RPJM1140	RFMC1142	17-Nov-06	18-Apr-07	20-Feb-07	28-May-07	XX				
717	Hot Water System Load Calc	N	LAS	BSC RPM	RPJM1150	RFMC1151	17-Nov-06	18-Apr-07	22-Jan-07	29-May-07	XX				
718	Hot Water Equipment Sizing	N	LAS	BSC RPM	RPJM1150	RFMC1152	17-Nov-06	18-Apr-07			XX				
719	Transport and Emplacement Vehicle Gap Analysis	N	LA	BSC RPM	RP6K5040	HTKT0110	23-Feb-07	19-Apr-07	1-Nov-06	06-Mar-07		XX			
~~720~~	~~PMA TSPA Appendix - Complete Condensation Model~~	~~N~~	~~LA~~	~~SNL~~	~~PAEB0109~~	~~N/A~~	~~N/A~~	~~19-Apr-07~~						~~XX~~	
721	Building Infiltration	N	LAS	BSC RPM	RP5H1150A	LCHC1150	21-Nov-06	20-Apr-07	17-Oct-06	25-May-07	XX		X		
722	Heat/Cool Load - C1	N	LAS	BSC RPM	RP5H1150A	LCHC1152	21-Nov-06	20-Apr-07	17-Oct-06	31-May-07	XX		X		
723	Heat/Cool Load - C2	N	LAS	BSC RPM	RP5H1150A	LCHC1154	21-Nov-06	20-Apr-07	17-Oct-06	31-May-07	XX		X		
724	Pressure drop -C1	N	LAS	BSC RPM	RP5H1150A	LCHC1156	21-Nov-06	20-Apr-07	17-Oct-06	11-May-07	XX		X		
725	Pressure drop - C2	N	LAS	BSC RPM	RP5H1150A	LCHC1158	21-Nov-06	20-Apr-07	17-Oct-06	25-May-07	XX		X		
726	Equip. Sizing	N	LAS	BSC RPM	RP5H1150A	LCHC1160	21-Nov-06	20-Apr-07	17-Oct-06	31-May-07	XX		X		
727	Fire Alarm & Detection Calculation	N	LAS	BSC RPM	RP5W1055	LCWD1055	21-Dec-06	20-Apr-07	N/A	24-Mar-07	XX				
728	Fire Alarm &Detection P&ID Sheet 1-ILA0	N	LA	BSC RPM	RP5W1055	LCWD1056	21-Dec-06	20-Apr-07	N/A	24-Mar-07	XX				
729	Fire Alarm & Detection P&ID Sheet 2- IFPE	N	LA	BSC RPM	RP5W1055	LCWD1057	21-Dec-06	20-Apr-07	N/A	24-Mar-07	XX				
730	Fire Alarm & Detection P&ID Sheet 3- IFPE	N	LA	BSC RPM	RP5W1055	LCWD1058	21-Dec-06	20-Apr-07	N/A	24-Mar-07	XX				
731	COMPLETE SZ SITE SCALE FLOW MODEL AMR	R	LA	SNL	PAD821S	N/A	N/A	20-Apr-07	N/A	20-Jun-07				XX	
732	Preliminary HVAC Model IFPE	N	LAS	BSC RPM	RP5P1005	LCPO1002	06-Feb-07	23-Apr-07	08-Sep-06		XX				
733	MH-IHF P&ID Cask Bay Shield Door ILA0	N	LA	BSC RPM	RP5K1420	LCKD1420	02-Jan-07	24-Apr-07	N/A	15-Mar-07	XX		X		
734	MH-IHF P&ID WP Loading to WP Closure Shield Door ILA0	N	LA	BSC RPM	RP5K1420	LCKD1421	02-Jan-07	24-Apr-07	N/A	15-Mar-07	XX		X		
735	MH-IHF P&ID WP Closure to WP Loadout Shield Door ILA0	N	LA	BSC RPM	RP5K1420	LCKD1422	02-Jan-07	24-Apr-07	N/A	15-Mar-07	XX		X		
736	MH-IHF P&ID WP Loadout Exterior Shield Door ILA0	N	LA	BSC RPM	RP5K1420	LCKD1423	02-Jan-07	24-Apr-07	N/A	15-Mar-07	XX		X		
737	MH-IHF P&ID Transfer Shielded Hatches ILA0	N	LA	BSC RPM	RP5K1420	LCKD1424	02-Jan-07	24-Apr-07	N/A	15-Mar-07	XX		X		
738	MH-IHF P&ID Personnel Shield Door	N	LA	BSC RPM	RP5K1420	LCKD1426	02-Jan-07	24-Apr-07	N/A	25-Apr-07			XX		
739	MH-IHF P&ID Mobile Access Platform	N	LA	BSC RPM	RP5K1420	LCKD1427	02-Jan-07	24-Apr-07	04-Apr-07	15-May-07			XX		
740	MH-WHF MEE TAD Closure Sheet 1 ILA0	N	LA	BSC RPM	RPHK2365	WFKD2365	15-Dec-06	24-Apr-07	11-Dec-06	09-Mar-07	XX				
741	MH-WHF MEE TAD Closure Sheet 2 ILA0	N	LA	BSC RPM	RPHK2365	WFKD2366	15-Dec-06	24-Apr-07	11-Dec-06	09-Mar-07	XX				
742	MH-WHF MEE TAD Closure Sheet 3 ILA0	N	LA	BSC RPM	RPHK2365	WFKD2367	15-Dec-06	24-Apr-07	11-Dec-06	09-Mar-07	XX				
743	Throughput TAD Closure Analysis (Scope of Work Covered by WFSC1000)	N	LA	BSC RPM	RPHS009	WFSC0009	04-Jan-07	24-Apr-07	N/A	28-Mar-07	XX				
~~744~~	~~IHF Preliminary SASSI Analysis~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP5L1080~~	~~LCLC0014~~	~~28-Feb-07~~	~~25-Apr-07~~	~~28-Feb-07~~		~~XX~~				
745	IHF In Structure Response Spectra	N	LAS	BSC RPM	RP5L1140	LCLC0016	27-Feb-07	25-Apr-07	27-Feb-07		XX				
746	RECEIVE PRELIMINARY C-TDIP DTN FEEDS	N/A	LAS	SNL	PATS300M	N/A	N/A	25-Apr-07	N/A	13-Apr-07				XX	
747	PRELIMINARY TSPA FEED to NAVY	N/A	LAS	SNL	PATSNAVY1	N/A	N/A	25-Apr-07	N/A	25-Apr-07				XX	
748	EDF Fire Suppression System P&ID -Sheet #1 - ILA0	N	LA	BSC RPM	RPUW3455	DGWD3455	02-Mar-07	26-Apr-07	N/A	22-May-07	XX				
749	EDF Fire Suppression System P&ID -Sheet #2 - ILA0	N	LA	BSC RPM	RPUW3455	DGWD3455A	02-Mar-07	26-Apr-07	N/A	22-May-07	XX				
750	EDF Fire Alarm & Detection P&ID - Sheet #1 - ILA0	N	LA	BSC RPM	RPUW3495	DGWD3455B	02-Mar-07	26-Apr-07	26-Feb-07	22-May-07	XX				
751	EDF Fire Alarm & Detection P&ID - Sheet #2 - ILA0	N	LA	BSC RPM	RPUW3495	DGWD3455C	02-Mar-07	26-Apr-07	26-Feb-07	22-May-07	XX				
~~752~~	~~CRCF Finite Element Model~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7L1055~~	~~C1LC0027~~	~~13-Feb-07~~	~~27-Apr-07~~	~~20-Feb-07~~		~~XX~~				
753	Cask Recpt Secur- Conceptual Layouts IFLA	N	LAS	BSC RPM	RPZQ0501	SEQT0210	05-Mar-07	27-Apr-07	19-Dec-06	29-Jan-07	XX				
754	Construction Strategy Report. 800-30R-MGR0-00100-000-001.	R	LA	BSC RPM	RPCM006	CONSTRUCTION (Not in EPPR)	15-Jan-07	30-Apr-07	N/A	25-Apr-07		XX			
755	WHF Foundation Design	N	LA	BSC RPM	RPHL1045	WFLC0016	01-Dec-06	30-Apr-07	08-Jan-07	31-May-07	XX				
756	WHF Foundation Design	N	LA	BSC RPM	RPHL1045	WFLC0017	01-Dec-06	30-Apr-07	08-Jan-07		XX				
757	Gen Purpose &Instrument Air Calc	N	LAS	BSC RPM	RP7M1110	C1MC1110	06-Feb-07	01-May-07	23-Aug-06	24-Mar-07	XX				
~~758~~	~~Classification of Radiation and Contamination Zones ofGeological Repository Operations Area. 000-00C-HPRA-00400-000-00C~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPZN6050~~	~~PDNK6050~~	~~01-Mar-07~~	~~01-May-07~~							~~XX~~
759	Geologic Repository Operations Area—Radiation Zone Classifications.	N	LA	BSC RPM	RPZN6050	PDNK6050	01-Mar-07	01-May-07	N/A	24-May-07					XX
760	EDGR HVAC Load Calc (ITS) ILA0	N	LA	BSC RPM	RPUH1035	H1035C1	07-Feb-07	02-May-07	18-Dec-06		XX				
761	Battery Room HVAC Load Calc (ITS) ILA0	N	LA	BSC RPM	RPUH1035	H1035C2	07-Feb-07	02-May-07	18-Dec-06	03-Jul-07	XX				
762	ESGR HVAC Load Calc (ITS) ILA0	N	LA	BSC RPM	RPUH1035	H1035C3	07-Feb-07	02-May-07	18-Dec-06	03-Jul-07	XX				
763	Pressure Drop Calc	N	LA	BSC RPM	RPUH1035	H1035C1 - C3	07-Feb-07	02-May-07	18-Dec-06		XX				
764	Refrigerant Calc/Analysis	N	LA	BSC RPM	RPUH1035	H1035C1 - C3	07-Feb-07	02-May-07	18-Dec-06		XX				
765	MODEL FOR THE MGMT OF THE RELATIVE RISKS OF IDENTIFIED VULNERABILITIES	N	LAS	SNL	PAD202S	N/A	N/A	02-May-07	N/A	02-May-07				XX	
766	Transport and Emplacement Vehicle Design Development Plan	N	LA	BSC RPM	RP6K5050	HTKT0111	09-Mar-07	03-May-07	N/A	15-Mar-07		XX			
767	Strategies for Recovery after an Event Sequence to the Waste Package Transport and Emplacement Vehicle	N	LA	BSC RPM	RP6K5055	HTKT0112	09-Mar-07	03-May-07	1-Dec-06	30-May-07		XX			
768	Initial Handling Facility Radiation Zone and Contamination Zone Drawings	N	LA	BSC RPM	RP5N1505	LCND1505	08-Feb-07	03-May-07	N/A	24-May-07					XX
769	General Arrangement Legend and General Notes	N	LA	BSC RPM	RP5P1030	LCPD1001	07-Mar-07	04-May-07	26-Mar-07	23-May-07	XX		X		
770	General Arrangement Ground Floor Plan and Section A	N	LA	BSC RPM	RP5P1030	LCPD1002	07-Mar-07	04-May-07	N/A	19-Apr-07	XX		X		
771	General Arrangement Ground Floor Plan and Section B	N	LA	BSC RPM	RP5P1030	LCPD1003	07-Mar-07	04-May-07	26-Mar-07	23-May-07	XX		X		
772	General Arrangement Roof Plan and Section C	N	LA	BSC RPM	RP5P1030	LCPD1004	07-Mar-07	04-May-07	26-Mar-07	23-May-07	XX		X		
773	PMA TSPA Appendix - COMPLETE DRIFT SEEPAGE	N	LA	SNL	PAPT030	N/A	N/A	04-May-07	N/A	31-May-07				XX	

774	PMA TSPA Appendix - COMPLETE LOWER REDOX	N	LA	SNL	PACT280	N/A	N/A	04-May-07	N/A	31-May-07				XX	
775	DIKE / DRIFT AMR APPROVED	R	LA	SNL	PAD729S	N/A	N/A	04-May-07						XX	
776	CALIBRATED UZ PROPERTIES AMR	R	LA	SNL	PAD806S	N/A	N/A	04-May-07	N/A	24-May-07				XX	
~~777~~	~~PMA TSPA Appendix - COMPLETE COMPLETE ALTERNATIVE P&CE~~	~~N~~	~~LA~~	~~SNL~~	~~PAEB110~~	~~N/A~~	~~N/A~~	~~04-May-07~~						~~XX~~	
778	PMA TSPA Appendix - P COMPLETE IN-PACKAGE EVAPORATION	N	LAS	SNL	PAF03108	N/A	N/A	04-May-07	N/A	31-May-07				XX	
~~779~~	~~PMA TSPA Appendix - COMPLETE COMPETATIVE SORPTION~~	~~N~~	~~LA~~	~~SNL~~	~~PAFM03417~~	~~N/A~~	~~N/A~~	~~04-May-07~~						~~XX~~	
780	CCCF - HVAC Prelim Composite VFDs	N	LAS	BSC RPM	RPYH4376	CCHD0001	05-Feb-07	07-May-07	14-Dec-06	23-May-07	XX				
781	WHF Tier 1 Structural Steel Slab Support	N	LA	BSC RPM	RPHL1110	WFLC0043	15-Jan-07	07-May-07	18-Dec-06	10-May-07	XX				
782	WHF Tier 1 Structural Steel Calcs 2	N	LA	BSC RPM	RPHL1110	WFLC0044	15-Jan-07	07-May-07	02-Jan-07	30-May-07	XX				
783	WNNRF - Facility Layout Study IFLA	N	LAS	BSC RPM	RPBAK1207	WHKD0002	01-Mar-07	09-May-07	21-Feb-07	24-Apr-07	XX				
784	Develop Potable Water Sys. - Prelim. P&IDs	R	LA	BSC RPM	RPQM6207	WSMD0005	29-Mar-07	09-May-07	11-Dec-06	25-Apr-07	XX				
785	Combined with #786 - MHDR for ITS Cranes (includes MHDR for Ancillary Equipment - RPHK1220)	N	LA	BSC RPM	RP7K1140	C1KR1140	30-Oct-06	10-May-07	05-Feb-07	10-May-07	XX				
786	Combined with #785 - MHDR for Special Lifting Devices	N	LA	BSC RPM	RP7K1140	C1KR1140	30-Oct-06	10-May-07	05-Feb-07	10-May-07	XX				
787	Concepts for Waste Retrieval and Alternate Storage of Radioactive Waste. 800-30R-HER0-00100-000-002.B33	R	LA	BSC RPM	RP6K5230	ERKR0126	13-Apr-07	10-May-07	13-Apr-07	15-May-07		XX			X
~~788~~	~~PMA TSPA Appendix - COMPLETE 8 SUBREGIONS~~	~~N~~	~~LA~~	~~SNL~~	~~PACT250~~	~~N/A~~	~~N/A~~	~~10-May-07~~						~~XX~~	
789	Initial Handling Facility Worker Dose Assessment	N	LA	BSC RPM	RP5N1517	LCNC1517	08-Feb-07	10-May-07	5-Feb-07	24-May-07					XX
790	Confinement Zoning Calc (C2) ITS	N	LA	BSC RPM	RP7H1125	C1HC0001A	11-Aug-06	11-May-07	07-Aug-06	20-Feb-07	XX				
791	Bldg Air Leakage/Ventilation Calc (C2) ITS	N	LA	BSC RPM	RP7H1125	C1HC0002A	11-Aug-06	11-May-07	07-Aug-06	25-May-07	XX				
792	Pressure Drop Calc (C2) ITS	N	LA	BSC RPM	RP7H1125	C1HC0003A	11-Aug-06	11-May-07	07-Aug-06	18-May-07	XX				
793	Equipment Sizing Calc (C2) ITS	N	LA	BSC RPM	RP7H1125	C1HC0004A	11-Aug-06	11-May-07	07-Aug-06	31-May-07	XX				
794	Heating and Cooling Load Calc (C2) Non-ITS	N	LAS	BSC RPM	RP7H1125	C1HC0007	11-Aug-06	11-May-07	07-Aug-06	31-May-07	XX				
795	Pressure Drop Calc (C2) Non-ITS	N	LAS	BSC RPM	RP7H1125	C1HC0008	11-Aug-06	11-May-07	07-Aug-06	31-May-07	XX				
796	Equipment Sizing Calc (C2) Non-ITS	N	LAS	BSC RPM	RP7H1125	C1HC0009	11-Aug-06	11-May-07	07-Aug-06		XX				
797	Canister Receipt and Closure Facility Radiation Zone and Contamination Zone Drawings	N	LA	BSC RPM	RP7N1070	C1ND1070	19-Mar-07	11-May-07	26-Mar-07	24-May-07			X		XX
798	General Arrangement Legend and General Notes	N	LA	BSC RPM	RP7P1030	C1PD1001A	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
799	General Arrangement Ground Floor Plan	N	LA	BSC RPM	RP7P1030	C1PD1002	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
800	General Arrangement Second Floor Plan	N	LA	BSC RPM	RP7P1030	C1PD1003	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
801	General Arrangement Third Floor Plan	N	LA	BSC RPM	RP7P1030	C1PD1004	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
802	General Arrangement Roof Plan	N	LA	BSC RPM	RP7P1030	C1PD1005	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
803	General Arrangement Sections A and B	N	LA	BSC RPM	RP7P1030	C1PD1006	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
804	General Arrangement Sections C and D	N	LA	BSC RPM	RP7P1030	C1PD1007	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
805	General Arrangement Sections E and F	N	LA	BSC RPM	RP7P1030	C1PD1008	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
806	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP7P1030	C1PD1009	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
807	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP7P1030	C1PD1010	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
808	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP7P1030	C1PD1011	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
809	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP7P1030	C1PD1012	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
810	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP7P1030	C1PD1013	21-Feb-07	11-May-07	05-Feb-07	17-May-07	XX		X		
811	Drip Shield Emplacement Gantry Concept. ANL-XCS-ME-000002 REV 00.	R	LA	BSC RPM	RP6K5250	ERKR0127	16-Apr-07	11-May-07	20-Feb-07	15-May-07		XX			
812	C2 Composite VFD	N	LA	BSC RPM	RP5H1420	LCHD1420	14-Mar-07	11-May-07	26-Feb-07	12-Jun-07	XX		X		
813	C1 Composite VFD	N	LA	BSC RPM	RP5H1420	LCHD1422	14-Mar-07	11-May-07	26-Feb-07	12-Jun-07	XX		X		
814	Turnout Drifts Invert & Rails Plan Rev A	N	LA	BSC RPM	RP1C0235	P0LD0019	05-Feb-07	14-May-07	5-Feb-07	24-May-07		XX			
815	Turnout Drifts Invert & Rails Sections & Details Rev A	N	LA	BSC RPM	RP1C0235	P0LD0126 - P0LD0127	05-Feb-07	14-May-07	N/A	24-May-07		XX			
816	RF Tier1 Structural Steel Design Calculation	N	LA	BSC RPM	RPJL1020	RFLC0005	16-Jan-07	14-May-07	16-Jan-07	10-May-07	XX				
817	RF Tier1 Structural Steel Design Calculation	N	LA	BSC RPM	RPJL1020	RFLC0006	16-Jan-07	14-May-07	26-Mar-07	29-May-07	XX				
818	MH-AGING MEE Site Transporter ILA0	N	LA	BSC RPM	RPSK1390	A1KD1390	02-Jan-07	15-May-07	30-Nov-06	21-May-07	XX				
819	MH-AGING MEE Cask Tractor ILA0	N	LA	BSC RPM	RPSK1390	A1KD1391	02-Jan-07	15-May-07	N/A	02-May-07	XX				
820	MH-AGING MEE Horizontal Transfer Trailer ILA0	N	LA	BSC RPM	RPSK1390	A1KD1392	02-Jan-07	15-May-07	30-Nov-06	17-May-07	XX				
821	MH-AGING MEE Mobile Crane ILA0	N	LA	BSC RPM	RPSK1390	A1KD1393	02-Jan-07	15-May-07	N/A	02-May-07	XX				
822	MH-AGING MEE Mobile Platform ILA0	N	LA	BSC RPM	RPSK1390	A1KD1394	02-Jan-07	15-May-07	N/A	02-May-07	XX				
823	MH MHDR Surface Aging Equipment ILA0	N	LA	BSC RPM	RPSK1110	A1KR1110	23-Jan-07	15-May-07	15-Feb-07	31-May-07	XX				
824	MHDR for Shielded Transfer Casks	N	LA	BSC RPM	RPHK1030	WFKR1030	23-Jan-07	27-Jun-07	N/A	03-Jul-07	XX				
825	MHDR for the Site Transporter	N	LA	BSC RPM	RPHK1120	WFKR1120	23-Jan-07	27-Jun-07			XX				
826	Preliminary HVAC Model IFPE	N	LAS	BSC RPM	RP3P1005	LWPO1002	26-Apr-07	16-May-07			XX				
827	Preliminary Raceway Model IFPE	N	LAS	BSC RPM	RP3P1015	LWPO1003	26-Apr-07	16-May-07			XX				
828	Turnout Drifts Invert & Rails Calc Rev A	N	LA	BSC RPM	RP1C0230	P0LC0043	19-Dec-05	16-May-07	19-Dec-05	06-Dec-06		XX			
829	COMPLETE INFILTRATION AND CLIMATE AMR	R	LA	SNL	PAD804S	N/A	N/A	17-May-07	N/A	24-May-07				XX	
830	I&C EDG Logic Sketches (ITS) ILAO	N	LA	BSC RPM	RPUJ1014	J1014S1	23-Apr-07	18-May-07	05-Mar-07	31-May-07	XX				
831	WHF Shear Wall Design	N	LA	BSC RPM	RPHL1050	WFLC0018	26-Feb-07	18-May-07	20-Feb-07	24-May-07	XX				
832	WHF Shear Wall Design	N	LA	BSC RPM	RPHL1050	WFLC0019	26-Feb-07	18-May-07	20-Feb-07	24-May-07	XX				
833	WHF Shear Wall Design	N	LA	BSC RPM	RPHL1050	WFLC0020	26-Feb-07	18-May-07	20-Feb-07	24-May-07	XX				
834	Mechanical Assessment of the Degraded TAD and Degraded Drip Shield in Response to Vibratory Ground Motion	N	LA	SNL	PAD637S	N/A	N/A	21-May-07				X		XX	
835	COMPLETE IN-PKG CHEM AMR	R	LA	SNL	PA0831	N/A	N/A	21-May-07						XX	
836	PMA TSPA Appendix - COMPLETE COLLOID DIVERSITY/REDUCING MODEL	N	LA	SNL	PAPT020	N/A	N/A	21-May-07	N/A	31-May-07				XX	
837	Seismic Consequence Abstraction AMR MDL-WIS-PA-000003	R	LA	SNL	PAD63700	S30818	15-May-07	21-May-07				X		XX	
838	SUBMIT HIC (Hydrogen Induced Cracking) AMR	R	LA	SNL	PAD006S	N/A	N/A	23-May-07						XX	
839	DELIVER PROBABILITY OF FILLING WP REPORT	N	LAS	SNL	PAD106S	N/A	N/A	23-May-07	N/A	01-Jun-07				XX	
840	GROA Airbourne Dispersion Factor Calculation	N	LA	BSC L&NS	LAPS1256A	Note 2	19-Apr-07	23-May-07			XX				
841	ALARA Design Review for the LA Design of the GROA.	N	LAS	BSC RPM	RPZN6120	PDNA6120	01-Mar-07	23-May-07	N/A	24-May-07					XX
~~842~~	~~Site - ALARA Design Review - Rev B~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPZN6120~~	~~PDNA6120~~	~~01-Mar-07~~	~~23-May-07~~							~~XX~~
843	Confinement Zoning Calc	N	LA	BSC RPM	RPJH1045	RFHC0001A	17-Nov-06	23-May-07	25-Sep-06	20-Feb-07	XX		X		
844	Bldg Air Leakage/Ventilation Calc	N	LA	BSC RPM	RPJH1045	RFHC0002A	17-Nov-06	23-May-07	25-Sep-06	09-May-07	XX		X		
845	Equipment Sizing Calc	N	LA	BSC RPM	RPJH1045	RFHC0003A	17-Nov-06	23-May-07	25-Sep-06	01-Jun-07	XX		X		
846	Pressure Drop Calc	N	LA	BSC RPM	RPJH1045	RFHC0004A	17-Nov-06	23-May-07	25-Sep-06	25-May-07	XX		X		
847	Combined Clg/Htg Load, Equipment Sizing and Press Drop Calc	N	LA	BSC RPM	RPJH1045	RFHC0005A	17-Nov-06	23-May-07	25-Sep-06	02-Jul-07	XX		X		
848	Raw Water Sys. - Preliminary Calculations	N	LAS	BSC RPM	RPQM6234	WSMS0011	29-Mar-07	23-May-07	N/A	18-May-07	XX				
849	MHDR for the Cask Trolleys	N	LA	BSC RPM	RP7K1180	C1KR1180	30-Oct-06	24-May-07	28-Aug-06		XX				
850	Drip Shield and Waste Package Emplacement Pallet Design Report. 000-00C-SSE0-00100-000-00A.	R	LA	BSC RPM	RPGB0205	DSDC0001	02-Oct-06	24-May-07	29-Aug-06			XX			
851	Committed Materials for Emplacement Drift Pallets and Drip Shields. 800-P1C-SS00-00100-000-00A.	R	LA	BSC RPM	RPGB0205	DSDC0002	02-Oct-06	24-May-07	29-Aug-06	30-Apr-07		XX			
852	Design and Engineering, Interlocking Drip Shield Configuration. 000-M00-SSE0-00103-000-00A.	R	LA	BSC RPM	RPGB0215	DSDD0016	02-Mar-07	24-May-07	N/A	09-Apr-07		XX			
853	Design and Engineering, Interlocking Drip Shield Configuration. 000-M00-SSE0-00101-000-00B.	R	LA	BSC RPM	RPGB0215	DSDD0014	02-Mar-07	24-May-07	N/A	09-Apr-07		XX			
854	Design and Engineering, Interlocking Drip Shield Configuration. 000-M00-SSE0-00102-000-00B.	R	LA	BSC RPM	RPGB0215	DSDD0015	02-Mar-07	24-May-07	N/A	09-Apr-07		XX			
855	Drip Shield Fabrication Specification. 000-3SS-SSE0-00100-000-00A.	R	LA	BSC RPM	RPGB0225	DSDS0001	02-Mar-07	24-May-07	N/A	27-Feb-07		XX			

856	I&C TEV ITS Logic Sketches - IFLA	N	LA	BSC RPM	RP6J1014	ERJD0003 - ERJD0010	01-Feb-07	24-May-07				XX			
857	CRCF BDBGM Response Spectra Analysis	N	LA	BSC RPM	RP7L0610	C1LC0011	16-Apr-07	25-May-07			XX				
858	HEMF - Develop Functions & Features P2	N	LAS	BSC RPM	RPZQ9160AA	HFQT0010B	16-Apr-07	25-May-07	N/A	10-May-07	XX				
859	DELIVER PLAN FOR Long Term Corrosion Test Facility LTCTF	N	LAS	SNL	PAD102S	N/A	N/A	25-May-07	N/A	25-May-07				XX	
860	FINAL TSPA FEED to NAVY	N/A	LAS	SNL	PATSNAVY2	N/A	N/A	25-May-07	N/A	24-May-07				XX	
861	COMPLETE DRIFT SCALE THC AMR	R	LA	SNL	PAD808S	Note 2	#N/A	25-May-07			X			XX	
862	Access Mains 25' Dia Iso Bkhd & Airlock Door Calc Rev A	N	LAS	BSC RPM	RP1C0340	P0LC0008	26-Mar-07	25-May-07	28-Mar-07	31-May-07		XX			
863	RF BDBGM Soil Spring Calculation	N	LA	BSC RPM	RPJL1052	RFLC0011A	06-Mar-07	29-May-07			XX				
864	RF Outline Drawing 1	N	LA	BSC RPM	RPJL1025	RFLD0001	03-Apr-07	29-May-07	03-Apr-07	29-May-07	XX				
865	RF Outline Drawing 2	N	LA	BSC RPM	RPJL1025	RFLD0002	03-Apr-07	29-May-07	03-Apr-07	29-May-07	XX				
866	RF Outline Drawing 3	N	LA	BSC RPM	RPJL1025	RFLD0003	03-Apr-07	29-May-07	03-Apr-07	29-May-07	XX				
867	RF Outline Drawing 4	N	LA	BSC RPM	RPJL1025	RFLD0004	03-Apr-07	29-May-07	03-Apr-07	29-May-07	XX				
868	Service Gases Calculation	N	LAS	BSC RPM	RP7M1181	C1MC1181	06-Feb-07	30-May-07	23-Aug-06	22-Mar-07	XX				
869	Fire Hazard Analysis	N	LAS	BSC RPM	RPHW1010	WFWC1010	10-Apr-07	30-May-07	02-Apr-07	23-May-07	XX		X		
870	MH CRCF, P&IDs, WP Transfer Trolley ILA0	N	LA	BSC RPM	RP7K1410	C1KD1410	05-Dec-06	31-May-07	10-Nov-06	14-Feb-07	XX		X		
871	MH CRCF, P&IDs, WP Transfer Trolley Docking Station ILA0	N	LA	BSC RPM	RP7K1410	C1KD1411	05-Dec-06	31-May-07	10-Nov-06	14-Feb-07	XX		X		
872	MH Develop EDG MEEs Lifting & Handling	N	LA	BSC RPM	RPUK1340	K1340D1	03-May-07	31-May-07	04-Dec-06	30-May-07	XX				
873	COMPLETE EBS Radionuclide Transport Abstraction AMR	R	LA	SNL	PAD001	N/A	N/A	31-May-07						XX	
874	COMPLETE SITE SCALE TRANSPORT MODEL AMR	R	LA	SNL	PAD823S	N/A	N/A	31-May-07	N/A	21-Jun-07				XX	
875	RECEIVE TDIPS - PMA	N/A	LAS	SNL	PATS300MP	N/A	N/A	31-May-07	N/A	31-May-07				XX	
876	VFD I Transfer Area Confinement Zones	N	LA	BSC RPM	RPJH1055	RFHD0001	10-Jan-07	31-May-07	26-Feb-07		XX				
877	VFD Non-ITS C1 HVAC and Mech Eq Rms	N	LA	BSC RPM	RPJH1055	RFHD0002	10-Jan-07	31-May-07	26-Feb-07		XX				
878	YMP Concept of Nuclear Operations	N	LA	BSC RPM	See Note 3	See Note 2	04-Dec-06	31-May-07			XX				
879	Draft TSPA Volume 1: Chapters 1-6	R	LA	SNL	PATS2001	N/A	N/A	01-Jun-07	02-Oct-06					XX	
880	General Arrangement Legend and General Notes	N	LA	BSC RPM	RPHP1030	WFPD1001A	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
881	General Arrangement Ground Floor Plan	N	LA	BSC RPM	RPHP1030	WFPD1002	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
882	General Arrangement Second Floor Plan	N	LA	BSC RPM	RPHP1030	WFPD1003	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
883	General Arrangement Third Floor Plan	N	LA	BSC RPM	RPHP1030	WFPD1004	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
884	General Arrangement Roof Plan	N	LA	BSC RPM	RPHP1030	WFPD1005	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
885	General Arrangement Sections A and B	N	LA	BSC RPM	RPHP1030	WFPD1006	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
886	General Arrangement Sections C and D	N	LA	BSC RPM	RPHP1030	WFPD1007	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
887	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPHP1030	WFPD1008	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
888	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPHP1030	WFPD1009	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
889	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPHP1030	WFPD1010	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
890	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPHP1030	WFPD1011	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
891	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPHP1030	WFPD1012	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
892	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPHP1030	WFPD1013	26-Feb-07	01-Jun-07	N/A	03-Jul-07	XX		X		
893	MH-RF P&IDs Cask Trolley Sheet 1 ILA0	N	LA	BSC RPM	RPJK1435	RFKD0165	09-Feb-07	04-Jun-07	11-Oct-06	01-Mar-07	XX		X		
894	MH-RF P&IDs Cask Trolley Sheet 2 ILA0	N	LA	BSC RPM	RPJK1435	RFKD0166	09-Feb-07	04-Jun-07	11-Oct-06	01-Mar-07	XX		X		
895	MH-RF P&IDs Canister Transfer Machine Sheet 1 ILA0	N	LA	BSC RPM	RPJK1435	RFKD0167	09-Feb-07	04-Jun-07	11-Oct-06	23-Feb-07			XX		
896	MH-RF P&IDs Canister Transfer Machine Sheet 2 ILA0	N	LA	BSC RPM	RPJK1435	RFKD0168	09-Feb-07	04-Jun-07	11-Oct-06	23-Feb-07			XX		
897	General Arrangement Legend and General Notes	N	LA	BSC RPM	RPJP1030	RFPD1001A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
898	General Arrangement Ground Floor Plan	N	LA	BSC RPM	RPJP1030	RFPD1002A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
899	General Arrangement Second Floor Plan	N	LA	BSC RPM	RPJP1030	RFPD1003A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
900	General Arrangement Third Floor Plan	N	LA	BSC RPM	RPJP1030	RFPD1004A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
901	General Arrangement Roof Plan	N	LA	BSC RPM	RPJP1030	RFPD1005A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
902	General Arrangement Sections A and B	N	LA	BSC RPM	RPJP1030	RFPD1006A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
903	General Arrangement Sections C and D	N	LA	BSC RPM	RPJP1030	RFPD1007A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
904	General Arrangement Sections E and F	N	LA	BSC RPM	RPJP1030	RFPD1008A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
905	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPJP1030	RFPD1009A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
906	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPJP1030	RFPD1010A	13-Mar-07	05-Jun-07		07-Jun-07	XX		X		
~~907~~	~~General Arrangements and Selected Sections of the Wet Handling Facility and Receipt Facility~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPJP1030~~	~~WFPD1001A WFPD1013~~	~~13-Mar-07~~	~~05-Jun-07~~							~~XX~~
908	Single Line Diagram -480V Load Center 20	N	LA	BSC RPM	RP5E1020	LCED0003	11-Apr-07	06-Jun-07	03-Apr-07	29-May-07	XX		X		
909	Single Line Diagram -480V MCC 20A	N	LA	BSC RPM	RP5E1020	LCED0004	11-Apr-07	06-Jun-07	03-Apr-07	29-May-07	XX		X		
910	Single Line Diagram -480V MCC 20B	N	LA	BSC RPM	RP5E1020	LCED0005	11-Apr-07	06-Jun-07	03-Apr-07	29-May-07	XX		X		
911	Single Line Diagram -480V MCC 20C	N	LA	BSC RPM	RP5E1020	LCED0006	11-Apr-07	06-Jun-07	03-Apr-07	29-May-07	XX		X		
912	Single Line Diagram -UPS Inverter 20A	N	LA	BSC RPM	RP5E1020	LCED0007	11-Apr-07	06-Jun-07	03-Apr-07	29-May-07	XX		X		
913	Single Line Diagram -UPS Inverter 20B	N	LA	BSC RPM	RP5E1020	LCED0008	11-Apr-07	06-Jun-07	03-Apr-07	29-May-07	XX		X		
914	MH-RF P&IDs Miscellaneous Equipment ILA0 Sheet 1	N	LA	BSC RPM	RPJK1420	RFKD0160	13-Feb-07	06-Jun-07	08-Jan-07	15-Mar-07			XX		
915	MH-RF P&IDs Miscellaneous Equipment ILA0 Sheet 2	N	LA	BSC RPM	RPJK1420	RFKD0161	13-Feb-07	06-Jun-07	02-Jan-07	15-Mar-07			XX		
916	MH-RF P&IDs Miscellaneous Equipment ILA0 Sheet 3	N	LA	BSC RPM	RPJK1420	RFKD0162	13-Feb-07	06-Jun-07	N/A	15-Mar-07			XX		
917	MH-RF P&IDs Miscellaneous Equipment ILA0 Sheet 4	N	LA	BSC RPM	RPJK1420	RFKD0163	13-Feb-07	06-Jun-07	N/A	15-Mar-07			XX		
918	DRIFT SEEPAGE INPUT TO TSPA AMR	N	LA	SNL	PAD807S10	N/A	N/A	11-Jun-07						XX	
919	Exhaust Main Shielding	N	LA	BSC RPM	RP1N0120	P0NC0120	23-Jan-07	11-Jun-07	29-Jan-07			XX			
920	MH-WHF P&ID DPC Cutting Sheet 1 ILA0	N	LA	BSC RPM	RPHK1470	WFKD1470	19-Mar-07	11-Jun-07	27-Feb-07	05-Jun-07	XX		X		
921	MH-WHF P&ID DPC Cutting Sheet 2 ILA0	N	LA	BSC RPM	RPHK1470	WFKD1471	19-Mar-07	11-Jun-07	27-Feb-07	05-Jun-07	XX		X		
922	MH-WHF P&ID DPC Cutting Sheet 3 ILA0	N	LA	BSC RPM	RPHK1470	WFKD1472	19-Mar-07	11-Jun-07	26-Feb-07	05-Jun-07	XX		X		
923	Gen Purp & Instr Air Systms Calc	N	LAS	BSC RPM	RPHM1110	WFMC1110	19-Mar-07	11-Jun-07	N/A	24-Mar-07	XX				
924	Service Gas Sys P&IDs	N	LAS	BSC RPM	RPHM1480	WFMD1480A	19-Mar-07	11-Jun-07	N/A	29-May-07	XX				
925	Subsurface Fire Exposure Calculation. 800-00C-PF00-00100-000-00A.	R	LA	BSC RPM	RP1W0160	P0WC0010	22-Jan-07	12-Jun-07	7-Feb-07		X	XX			
926	Low-Level Waste Facility Radiation Zone and Contamination Zone Drawings	N	LA	BSC RPM	RP3N1000	LWND1000	05-Apr-07	14-Jun-07	5-Apr-07				X		XX
927	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP3P1030	LWPD1001	17-May-07	14-Jun-07			XX		X		
928	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP3P1030	LWPD1002	17-May-07	14-Jun-07			XX		X		
929	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RP3P1030	LWPD1003	17-May-07	14-Jun-07			XX		X		
~~930~~	~~Digtl Con Sys-Interface to ITS Control Sys-Diag IFLA~~	~~R~~	~~LA~~	~~BSC RPM~~	~~RPQJ3505~~	~~CAJD0014~~	~~23-Mar-07~~	~~15-Jun-07~~	~~23-Mar-07~~		~~XX~~				
931	SEIS PRLIMINARY DRAFT	N	LAS	SNL	PACD320	N/A	N/A	15-Jun-07	N/A	15-Jun-07				XX	
932	TITANIUM HIC DATA for FEPs	N	LAS	SNL	PAPT1160	N/A	N/A	15-Jun-07	N/A	15-Jun-07				XX	
933	Wet Handling Facility Radiation Zone and Contamination Zone Drawings	N	LA	BSC RPM	RPHN4000	WFND4000	23-Mar-07	15-Jun-07	26-Mar-07				X		XX
934	CCCF - HVAC Preliminary V&IDs	N	LAS	BSC RPM	RPYH4395	CCHD0003	20-Mar-07	19-Jun-07			XX				
935	RF - Radiation & Contamination Zone DWGS ILA0	N	LA	BSC RPM	RPJN1510	RFND1510	24-Apr-07	19-Jun-07			XX				
936	Receipt Facility Fire Hazard Analysis	N	LA	BSC RPM	RPJW1010	RFWC1010	27-Mar-07	19-Jun-07	02-Apr-07		XX		X		
937	PRELIMINARY PIPING MODEL ILA0	N	LAS	BSC RPM	RPUP1040	P1040G1	23-May-07	20-Jun-07			XX				
938	Develop Site Underground Fire Water Loop P&IDs	N	LA	BSC RPM	RPZW8220	FWWD0007	03-Jan-07	21-Jun-07	24-Oct-06	15-Mar-07	XX				
939	Develop Site Underground Fire Water Loop Dwgs	N	LA	BSC RPM	RPZW8220	FWWD0008	03-Jan-07	21-Jun-07	24-Oct-06	15-Mar-07	XX				
~~940~~	~~IHF SASSI Documention~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP5L1142~~	~~LCLC0017~~	~~25-Apr-07~~	~~21-Jun-07~~			~~XX~~				
941	DI Water System P&ID	N	LAS	BSC RPM	RPJM1122	RFMD1122	29-Mar-07	21-Jun-07	N/A	24-Mar-07	XX				
942	Potable Water System P&ID	N	LAS	BSC RPM	RPJM1122	RFMD1123	29-Mar-07	21-Jun-07	N/A	24-Mar-07	XX				
943	Fire Alarm & Detection Calculation	N	LAS	BSC RPM	RP7W2010	C1WC2010	02-Mar-07	22-Jun-07			XX				
944	Fire Suppression Calculation	N	LAS	BSC RPM	RP7W2015	C1WC2015	02-Mar-07	22-Jun-07	N/A	09-Mar-07	XX		X		
945	Fire Alarm & Detection P&ID Sht 1 - ILA0	N	LA	BSC RPM	RP7W2010	C1WD2011	02-Mar-07	22-Jun-07			XX				
946	Fire Alarm & Detection P&ID Sht 2 - ILA0	N	LA	BSC RPM	RP7W2010	C1WD2012	02-Mar-07	22-Jun-07			XX				
947	Fire Alarm & Detection P&ID Sht 3 - ILA0	N	LA	BSC RPM	RP7W2010	C1WD2013	02-Mar-07	22-Jun-07			XX				

948	Fire Alarm & Detection P&ID Sht 4 - ILA0	N	LA	BSC RPM	RP7W2010	C1WD2014	02-Mar-07	22-Jun-07			XX				
949	Fire Suppression P&ID Sht 1 - ILA0	N	LA	BSC RPM	RP7W2015	C1WD2016	02-Mar-07	22-Jun-07			XX		X		
950	Fire Suppression P&ID Sht 2 - ILA0	N	LA	BSC RPM	RP7W2015	C1WD2017	02-Mar-07	22-Jun-07			XX		X		
951	Fire Suppression P&ID Sht 3 - ILA0	N	LA	BSC RPM	RP7W2015	C1WD2018	02-Mar-07	22-Jun-07			XX		X		
952	Fire Suppression P&ID Sht 4 - ILA0	N	LA	BSC RPM	RP7W2015	C1WD2019	02-Mar-07	22-Jun-07			XX		X		
953	MH-RF P&IDs Lid Bolt Room Crane Sheet 1 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0175	09-Mar-07	22-Jun-07	N/A	16-Mar-07	XX		X		
954	MH-RF P&IDs Lid Bolt Room Crane Sheet 2 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0176	09-Mar-07	22-Jun-07	09-Jan-07	16-Mar-07	XX		X		
955	MH-RF P&IDs 200 Ton Overhead Crane Sheet 1 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0177	09-Mar-07	22-Jun-07	N/A	02-Mar-07	XX		X		
956	MH-RF P&IDs 200 Ton Overhead Crane Sheet 2 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0178	09-Mar-07	22-Jun-07	N/A	02-Mar-07	XX		X		
957	MH-RF P&ID Cask Lifting Yoke 1 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0179	09-Mar-07	22-Jun-07	N/A	15-Mar-07	XX		X		
958	MH-RF P&ID Cask Lifting Yoke 2 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0180	09-Mar-07	22-Jun-07	N/A	15-Mar-07	XX		X		
959	MH-RF P&IDs 15 Ton Overhead Crane Sheet 1 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0181	09-Mar-07	22-Jun-07	09-Jan-07	16-Mar-07	XX		X		
960	MH-RF P&IDs 15 Ton Overhead Crane Sheet 2 ILA0	N	LA	BSC RPM	RPJK1440	RFKD0182	09-Mar-07	22-Jun-07	09-Jan-07	16-Mar-07	XX		X		
~~961~~	~~RF Finite Element Model for SSI~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPJL1055~~	~~RFLC0012~~	~~06-Mar-07~~	~~22-Jun-07~~	~~02-Apr-07~~		~~XX~~				
962	C1 Composite VFD	N	LA	BSC RPM	RPHH025	WFHD1025	18-Jan-07	22-Jun-07	26-Feb-07		XX				
963	C2 Composite VFD - 1	N	LA	BSC RPM	RPHH025	WFHD1026	18-Jan-07	22-Jun-07	26-Feb-07		XX				
964	C2 Composite VFD - 2	N	LA	BSC RPM	RPHH025	WFHD1027	18-Jan-07	22-Jun-07	26-Feb-07		XX				
965	Develop GP Air Systems Prelim Calcs	N	LAS	BSC RPM	RPQM6148	AGMC0007	30-Apr-07	25-Jun-07			XX				
~~966~~	~~CRCF Tier 2 SASSI Model~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7L1080~~	~~C1LC0040~~	~~30-Apr-07~~	~~25-Jun-07~~			~~XX~~				
~~967~~	~~CRCF SASSI In-Structure Response Spectra~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7L1140~~	~~C1LC0043~~	~~30-Apr-07~~	~~25-Jun-07~~			~~XX~~				
968	PRELIMINARY EQUIPMENT MODEL ILA0	N	LAS	BSC RPM	RPUP1000	P1000G1	22-Mar-07	25-Jun-07	20-Jul-06		XX				
969	Waste Package Component Design Methodology Report. 000-30R-WIS0-00100-000-002. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20040713.0003.	R	LA	BSC L&NS	RPWB2015	W2DC0072A	02-Oct-06	25-Jun-07	2-Oct-06			XX			
970	MH-WHF P&ID 200-Ton Overhead Crane Sheet 1 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144A	05-Mar-07	25-Jun-07	N/A	02-Mar-07	XX		X		
971	MH-WHF P&ID 200-Ton Overhead Crane Sheet 2 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144B	05-Mar-07	25-Jun-07	N/A	02-Mar-07	XX		X		
972	MH-WHF P&ID 20-Ton Semi-gantry Crane Sheet 1 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144C	05-Mar-07	25-Jun-07	09-Jan-07	24-May-07	XX		X		
973	MH-WHF P&ID 10-Ton Pool Crane Sheet 1 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144E	05-Mar-07	25-Jun-07	N/A	26-Mar-07	XX		X		
974	MH-WHF P&ID ~~10-Ton~~ CTM Maintenance Crane Sheet 1 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144G	05-Mar-07	25-Jun-07	09-Jan-07	16-Mar-07	XX		X		
975	MH-WHF P&ID Filter Handling Crane Sheet 1 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144J	05-Mar-07	25-Jun-07	09-Jan-07	26-Mar-07	XX		X		
976	MH-WHF P&ID Truck Cask Handling Yoke ILA0	N	LA	BSC RPM	RPHK1440	WFKD144L	05-Mar-07	25-Jun-07	N/A	15-Mar-07	XX		X		
977	MH-WHF P&ID Truck Cask Pool Handling Yoke ILA0	N	LA	BSC RPM	RPHK1440	WFKD144M	05-Mar-07	25-Jun-07	24-Jan-07		XX		X		
978	MH-WHF P&ID Cask Handling Yoke ILA0	N	LA	BSC RPM	RPHK1440	WFKD144N	05-Mar-07	25-Jun-07	N/A	15-Mar-07	XX		X		
979	MH-WHF P&ID Cask Pool Handling Yoke ILA0	N	LA	BSC RPM	RPHK1440	WFKD144P	05-Mar-07	25-Jun-07	24-Jan-07		XX		X		
980	MH-WHF P&ID Lid Grapple Sheet 1 ILA0	N	LA	BSC RPM	RPHK1440	WFKD144Q	05-Mar-07	25-Jun-07	09-Jan-07	25-Jun-07	XX		X		
981	MH-WHF P&ID PWR Lifting Grapple ILA0	N	LA	BSC RPM	RPHK1440	WFKD144S	05-Mar-07	25-Jun-07	N/A	16-Apr-07	XX		X		
982	MH-WHF P&ID BWR Lifting Grapple ILA0	N	LA	BSC RPM	RPHK1440	WFKD144T	05-Mar-07	25-Jun-07	05-Mar-07	16-Apr-07	XX		X		
983	Diesel Generator Facility - Fuel Oil System Calculation	R	LA	BSC RPM	RPUM1190	M1190C1	12-Mar-07	27-Jun-07	01-Aug-06		XX				
984	FAR AMR COMPLETE	N	LA	SNL	PAD611S	N/A	N/A	27-Jun-07						XX	
985	Ground Support Materials and Concrete Inverts—Committed and Non-Committed. 800-K0C-WIS0-00100-000-00E.	R	LA	BSC RPM	RP1G0625	P0GC0750	10-Apr-07	28-Jun-07	16-Jan-07	27-Jun-07		XX			
986	Ground Support Maintenance Plan. 800-30R-WIS0-00100-000-00A	R	LA	BSC RPM	RP1G0490	P0GR7002	10-Apr-07	28-Jun-07	10-Apr-07			XX			X
987	PERFORMANCE CONFIRMATION TEST PLAN for SEISMICITY MONITORING	N	LAS	SNL	PAD003S	N/A	N/A	29-Jun-07	N/A	29-Jun-07				XX	
988	U.S. Department of Energy Spent Nuclear Fuel Canister Survivability 000-PSA-WHS0-00100-000-000 Rev 00	R	LA	BSC L&NS / INEL	LAPS8806A10	NA	26-Jan-07	30-Jun-07					XX		
989	Heating & Cooling Load & Equip Sizing Calc, Elect Rm ITS	N	LA	BSC RPM	RP7H1135	C1HC0012A	19-Oct-06	02-Jul-07	16-Apr-07		XX				
990	Heating and Cooling Load Calc (C1) Non-ITS	N	LAS	BSC RPM	RP7H1135	C1HC0015A	19-Oct-06	02-Jul-07	02-Jan-07		XX				
991	Pressure Drop Calc (C1) Non-ITS	N	LAS	BSC RPM	RP7H1135	C1HC0016	19-Oct-06	02-Jul-07	07-Mar-07	28-Jun-07	XX				
992	Chilled Water Load Calc	N	LAS	BSC RPM	RP7M1140	C1MC1141	09-Apr-07	02-Jul-07	22-Jan-07		XX				
993	Chilled Water Equipment sizing	N	LAS	BSC RPM	RP7M1140	C1MC1142	09-Apr-07	02-Jul-07			XX				
994	Hot Water Load Calc	N	LAS	BSC RPM	RP7M1150	C1MC1151	09-Apr-07	02-Jul-07			XX				
995	Hot Water Equipment sizing	N	LAS	BSC RPM	RP7M1150	C1MC1152	09-Apr-07	02-Jul-07			XX				
996	Repository Subsurface Construction Methodology. 800-KMR-MGR0-00100-000-000.	R	LA	BSC RPM	RPCM007	CONSTRUCTION (Not in EPPR)	26-Feb-07	02-Jul-07	N/A	28-Jun-07		XX			
997	Waste Package Transporter Shielding Design Calculation. 000-00C-HE00-00100-000-00A (TEV)	R	LA	BSC RPM	RP6N3124	ERNC3124	23-Feb-07	02-Jul-07							XX
998	TEV Shielding Calculation	N	LA	BSC RPM	RP6N3124	ERNC3124	23-Feb-07	02-Jul-07				X			XX
999	WHF Revise Model for 10-4	N	LA	BSC RPM	RPHL1012	WFLC0005	21-May-07	02-Jul-07			XX				
1000	WHF Concrete Reinforcing Drawings 1	N	LA	BSC RPM	RPHL1025	WFLD0001	21-May-07	02-Jul-07			XX				
1001	WHF Concrete Reinforcing Drawings 2	N	LA	BSC RPM	RPHL1025	WFLD0002	21-May-07	02-Jul-07			XX				
1002	WHF Concrete Reinforcing Drawings 3	N	LA	BSC RPM	RPHL1025	WFLD0003	21-May-07	02-Jul-07			XX				
1003	WHF Concrete Reinforcing Drawings 4	N	LA	BSC RPM	RPHL1025	WFLD0004	21-May-07	02-Jul-07			XX				
1004	General Purpose Air P&ID	N	LA	BSC RPM	RP7M1410	C1MD1410	02-May-07	05-Jul-07	N/A	28-Mar-07	XX				
1005	Preliminary CRCF Shielding/Dose Rate Calculation	N	LA	BSC RPM	RP7N1060	C1NC1060	09-May-07	05-Jul-07	20-Apr-07						XX
1006	Preliminary WHF Shielding/Dose Rate Calculations	N	LA	BSC RPM	RPHN100C	WFNC0100	25-Apr-07	05-Jul-07							XX
1007	Single Line Diagram - 480V Load Center 06	N	LA	BSC RPM	RP3E1020	LWED0001	24-May-07	06-Jul-07			XX		X		
1008	Single Line Diagram - 480V MCC 06A	N	LA	BSC RPM	RP3E1020	LWED0002	24-May-07	06-Jul-07			XX		X		
1009	Single Line Diagram - 480V MCC 06B	N	LA	BSC RPM	RP3E1020	LWED0003	24-May-07	06-Jul-07			XX		X		
1010	Single Line Diagram - UPS Inverter 06	N	LA	BSC RPM	RP3E1020	LWED0004	24-May-07	06-Jul-07			XX		X		
1011	Liquid LLW Collection & Disp Calc	N	LAS	BSC RPM	RPHB1130	WFBC1130	01-Mar-07	06-Jul-07	N/A	09-Mar-07	XX				
1012	Initial Handling Facility As Low As Is Reasonably Achievable Design Review and Analysis	N	LA	BSC RPM	RP5N1025	LCNR1025	11-May-07	09-Jul-07							XX
1013	Receipt Facility Worker Dose Assessment	N	LA	BSC RPM	RPJN1520	RFNC1520	11-May-07	09-Jul-07							XX
1014	Access Mains 25' Dia Iso Bkhd & Airlock Door Plan Rev A	N	LAS	BSC RPM	RP1C0345	P0LD0025	30-Apr-07	10-Jul-07	N/A	28-Jun-07		XX			
1015	Access Mains 25' Dia Iso Bkhd & Airlock Door Sect & Dets Rev A	N	LAS	BSC RPM	RP1C0345	P0LD0130	30-Apr-07	10-Jul-07	N/A	28-Jun-07		XX			
1016	Access Mains 25' Dia Iso Bkhd & Airlock Door Sect & Dets Rev A	N	LAS	BSC RPM	RP1C0345	P0LD0131	30-Apr-07	10-Jul-07	N/A	28-Jun-07		XX			
~~1017~~	~~Transporter ALARA Review Preliminary (ENE)~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP6N1900~~	~~ERNR1900~~	~~15-Feb-07~~	~~11-Jul-07~~				~~XX~~			
1018	MH-AGING P&ID Surface Aging ILA0	N	LA	BSC RPM	RPSK1490	A1KD1490	16-May-07	12-Jul-07	27-Mar-07	23-May-07	XX				
1019	Ventilation Calcs Pnl 1 Update	R	LA	BSC RPM	RP1H0605	P0HC0018	01-Nov-06	12-Jul-07	16-Oct-06	18-Jan-07		XX			
1020	Natural Ventilation Pressure Calculation	R	LA	BSC RPM	RP1H0605	P0HC0019	01-Nov-06	12-Jul-07	16-Oct-06			XX			
1021	Emplacement Ventilation System Design Calculation. 800-KMC-VUE0-00100-000-00A.	R	LA	BSC RPM	RP1H0605	P0HC0020	01-Nov-06	12-Jul-07	16-Oct-06	24-Apr-07		XX			
1022	Isolation Bulkhead and Airlock Calculation. 800-M0C-VU00-00200-000-00A.	R	LA	BSC RPM	RP1H0605	P0HC0021	01-Nov-06	12-Jul-07	16-Oct-06			XX			
1023	Panel 1 Ventilation Interface and Airflow General Arrangement	N	LA	BSC RPM	RP1H0615	P0HD0114	01-Nov-06	12-Jul-07	16-Oct-06	20-Jun-07		XX			
1024	Chilled/Hot Water Load Calc	N	LAS	BSC RPM	RPHM1140	WFMC1141	14-Dec-06	12-Jul-07	22-Jan-07		XX				
1025	Chilled/Hot Water Equipment sizing	N	LAS	BSC RPM	RPHM1140	WFMC1142	14-Dec-06	12-Jul-07			XX				
1026	Chilled/Hot Water Press Loss Calc	N	LAS	BSC RPM	RPHM1140	WFMC1143	14-Dec-06	12-Jul-07			XX				
1027	Site Electrical Load Summary Calculation	R	LAS	BSC RPM	RPQE2405	PDEC006	08-Mar-07	13-Jul-07	01-Dec-06		XX				
1028	Instrument Air system P&ID	N	LAS	BSC RPM	RPJM1460	RFMD1460	29-Mar-07	13-Jul-07	N/A	28-Mar-07	XX				
1029	Digtl Con Sys - Revise DCMIS Arch. Diag IFLA	R	LA	BSC RPM	RPQJ3483	CAJD0006	23-Mar-07	16-Jul-07	23-Mar-07	20-Jun-07	XX				
1030	Shafts Preliminary Design Calculation	N	LA	BSC RPM	RP1A0605	P0AC0016	13-Nov-06	17-Jul-07	13-Nov-06			XX			
1031	Access Mains and Ramps Preliminary Design Calculation. 800-KMC-TUN0-00100-000-00A.	R	LA	BSC RPM	RP1A0605	P0AC0018	13-Nov-06	17-Jul-07	13-Nov-06			XX			

1032	Emplacement Drift Operations Configuration. 800-KMC-SSE0-00100-000-00B.	R	LA	BSC RPM	RP1A0605	P0AC0019	13-Nov-06	17-Jul-07	13-Nov-06	25-Jun-07		XX			
1033	Turnout Drift Update Calculation	N	LA	BSC RPM	RP1A0605	P0AC0020	13-Nov-06	17-Jul-07	13-Nov-06	20-Jun-07		XX			
1034	Closure and Sealing Calculation. 800-KMC-MGR0-00200-000-00B.	R	LA	BSC RPM	RP1A0525	P0AC0021	17-Aug-06	17-Jul-07	17-Aug-06			XX			
1035	Layout Update Update	N	LAS	BSC RPM	RP1A0605	P0AC0022	13-Nov-06	17-Jul-07	13-Nov-06		XX				
1036	Underground Layout Configuration for LA - 800-KMC-SS00-00200-000-00A	N	LA	BSC RPM	RP1A0605	P0AC0022	13-Nov-06	17-Jul-07	13-Nov-06			XX			
1037	Portals Preliminary Design Calculation. 800-KMC-SSD0-00300-000-00A.	R	LA	BSC RPM	RP1A0605	P0AC0023	13-Nov-06	17-Jul-07	13-Nov-06			XX			
1038	Exhaust Main Calculation	N	LA	BSC RPM	RP1A0605	P0AC0026	13-Nov-06	17-Jul-07	13-Nov-06			XX			
1039	Performance Confirmation Facilities Preliminary Design Analysis. 800-KMC-MGR0-00100-000-00A.	R	LA	BSC RPM	RP1A0605	P0AC0025	13-Nov-06	17-Jul-07	13-Nov-06			XX			
1040	Repository Backfill Locations – Details	N	LA	BSC RPM	RP1A0525	P0AD0066	17-Aug-06	17-Jul-07	17-Aug-06			XX			
1041	Repository Subsurface Backfill Locations	N	LA	BSC RPM	RP1A0525	P0AD0067	17-Aug-06	17-Jul-07	17-Aug-06			XX			
1042	Subsurface Ventilation & Instrumentation Diagrams	N	LA	BSC RPM	RP1H0540	P0HD0016	09-Apr-07	17-Jul-07	5-Mar-07			XX			
1043	Portals Design Calculation	R	LA	BSC RPM	RP1A0605	P0AC0016	13-Nov-06	17-Jul-07	13-Nov-06		XX				
1044	Closure and Sealing Preliminary Design Calculation. 800-KMC-MGR0-00200-000-00B	R	LA	BSC RPM	RP1A0525	P0AC0021	17-Aug-06	17-Jul-07	17-Aug-06						XX
1045	Underground Layout Configuration for LA	R	LA	BSC RPM	RP1A0605	P0AC0022	13-Nov-06	17-Jul-07	13-Nov-06		XX				
1046	24' Dia Intake & Exhaust Shaft Collar Plan Rev A	N	LAS	BSC RPM	RP1C0415	P0LD0022	08-May-07	18-Jul-07				XX			
1047	Subsurface Repository Fire Hazard Analysis. 800-30R-PF00-00100-000-00A.	R	LA	BSC RPM	RP1W0200	P0WC0030	22-Feb-07	18-Jul-07			X	XX			
1048	Fire Alarm & Detection Calculation ILAO	N	LAS	BSC RPM	RPHW1030	WFWD1030	08-May-07	18-Jul-07			XX		X		
1049	Fire Alarm & Detection P&ID - ILAO	N	LA	BSC RPM	RPHW1030	WFWD1031	08-May-07	18-Jul-07			XX		X		
1050	Rockfall Impact on Waste Package Transporter Shield. 800-K0C-SSD0-00100-000-00A.	R	LA	BSC RPM	RP6K1660	HTKC0101	16-Mar-07	19-Jul-07				XX			
1051	V&ID C2 Cooling system	N	LA	BSC RPM	RP5H1140	LCHD1140	25-Apr-07	19-Jul-07			XX				
1052	V&ID C2 Exhaust System	N	LA	BSC RPM	RP5H1140	LCHD1142	25-Apr-07	19-Jul-07			XX				
1053	V&ID C2 Air Distribution	N	LA	BSC RPM	RP5H1140	LCHD1144	25-Apr-07	19-Jul-07			XX				
1054	C1 V&ID - sheet 1	N	LA	BSC RPM	RP5H1140	LCHD1146	25-Apr-07	19-Jul-07			XX				
1055	C1 V&ID - sheet 2	N	LA	BSC RPM	RP5H1140	LCHD1148	25-Apr-07	19-Jul-07			XX				
1056	Dose Rate Calculation for Emplacement Drift Turnout Configurations. 800-00C-WIS0-00200-000-00A.	R	LA	BSC RPM	RP1N0110	P0NC0110	02-Mar-07	19-Jul-07	7-Mar-07			XX			
1057	Turnout Main Access Shielding	N	LA	BSC RPM	RP1N0110	P0NC0110	02-Mar-07	19-Jul-07	7-Mar-07			XX			
1058	TAD Waste Package Surface and Transport Thermal Analysis	N	LA	BSC RPM	RPWB2025	W2DC0001	03-Jul-06	19-Jul-07	1-Nov-06			XX			
1059	TAD Waste Package Subsurface Thermal Analysis	N	LA	BSC RPM	RPWB2025	W2DC0002	03-Jul-06	19-Jul-07	1-Nov-06	09-Apr-07		XX			
1060	5 PACK WP SURF & TRANS	R	LAS	BSC RPM	RPWB2025	W2DC0003	03-Jul-06	19-Jul-07	1-Nov-06			XX			
1061	5 PACK WP SUBSURFACE	R	LAS	BSC RPM	RPWB2025	W2DC0004	03-Jul-06	19-Jul-07	1-Nov-06	15-May-07		XX			
1062	MH Aging Overpack Specification (for DPCs)	N	LAS	BSC RPM	RPSK1695	A1KS1695	01-Mar-07	20-Jul-07	07-Mar-07				XX		
1063	Composite VFD Support Rms (C1) Non-ITS	N	LA	BSC RPM	RP7H1000	C1HD0007	13-Nov-06	20-Jul-07	02-Jan-07		XX				
1064	Composite VFD Operations Rms (C1) Non-ITS	N	LA	BSC RPM	RP7H1000	C1HD0008	13-Nov-06	20-Jul-07	02-Jan-07		XX				
1065	CCCF - Structural Design Rev B	N	LAS	BSC RPM	RPYL5720	CCLC0003	28-Nov-06	20-Jul-07	05-Feb-07		XX				
1066	Revised FEPs - All Sections Approved	N	LA	SNL	PAD150	Note 2	#N/A	20-Jul-07			X			XX	
1067	General Purpose Air System P&ID	N	LAS	BSC RPM	RPJM1410	RFMD1410	29-Mar-07	20-Jul-07	N/A	28-Mar-07	XX				
1068	Raw Water Sys.- Preliminary P&IDs IFLA	N	LAS	BSC RPM	RPQM6241	WSMS0012	24-May-07	20-Jul-07	N/A	19-Jun-07	XX				
1069	MHDR for the Canister Transfer Machine	N	LA	BSC RPM	RP7K1105	C1KR1105	30-Oct-06	23-Jul-07	16-Oct-06		XX				
1070	PRELIMINARY HVAC MODEL ILA0	N	LAS	BSC RPM	RPUP1005	P1005G1	26-Jun-07	24-Jul-07			XX				
1071	PRELIMINARY RACEWAY MODEL ILA0	N	LAS	BSC RPM	RPUP1015	P1015G1	26-Jun-07	24-Jul-07			XX				
1072	WASTE PACKAGE SEISMIC CALC COMPLETE	N	LAS	SNL	PAD63625	N/A	N/A	24-Jul-07						XX	
1073	Commercial SNF Accident Release Fractions. 000-00C-MGR0-01700-000-000.	R	LA	BSC L&NS	LAPS1516AB	NA	25-May-07	24-Jul-07					XX		
~~1074~~	~~Normal Operation Airborne Release Calculation. 000-HSC-WHS0-00200-000-00C.~~	~~R~~	~~LA~~	~~BSC RPM~~	~~RPHN1210~~	~~BOP~~	~~06-Jun-07~~	~~25-Jul-07~~				~~XX~~			
1075	PCSA All Surface Facilities Airborne Rel Wrkr Dose calc	R	LA	BSC RPM	RPHN1210	WFNC1210	06-Jun-07	25-Jul-07				X	XX		
1076	MHDR for Spent Fuel Transfer Machine	N	LA	BSC RPM	RPHK2160	WFKR2160	02-Nov-06	26-Jul-07	05-Feb-07		XX				
1077	MHDR TAD Closure Equipment	N	LA	BSC RPM	RPHK2165	WFKR2165	02-Nov-06	26-Jul-07	08-Jan-07		XX				
1078	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S1	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1079	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S2	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1080	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S3	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1081	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S4	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1082	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S5	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1083	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S6	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1084	HVAC EDG Composite VFDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1030	H1030S7	15-Jun-07	27-Jul-07	08-Dec-06		XX				
1085	EDGR Heating and Cooling Load Calc	N	LAS	BSC RPM	RPUH1015	H1015C1	03-May-07	27-Jul-07	09-Mar-07		XX				
1086	EDGR Equipment Sizing Calc	N	LAS	BSC RPM	RPUH1015	H1015C2	03-May-07	27-Jul-07	09-Mar-07		XX				
1087	EDGR Pressure Drop Calc	N	LAS	BSC RPM	RPUH1015	H1015C3	03-May-07	27-Jul-07	09-Mar-07		XX				
1088	NUMBER of WASTE PACKAGES HIT AMR APPROVED	R	LA	SNL	PAD730S	N/A	N/A	27-Jul-07						XX	
1089	IHF - Radiation & Contamination Zone DWGS ILA0	N	LA	BSC RPM	RP5N1510	LCND1510	04-May-07	30-Jul-07					XX		
1090	Finalized Prelim Shielding/Dose Rate Calcs	N	LA	BSC RPM: IHF, WHF, CRCF	RP5N1515 RPHN100C RPTN1060	LCNC1515 WFNC0100 C1NC1060	4-Jun-07 25-Apr-07 9-May-07	30-Jul-07 5-Jul-07 5-Jul-07							XX
1091	Revise Naval WP Analyses (1Calc) - Horizontal Drop w/ Pallet	R	LAS	BSC RPM	RPWB0245	W2DC0019	14-Mar-06	31-Jul-07	20-Jun-06			XX			
1092	Revise Naval WP Analyses (1Calc) - Horizontal Drop	R	LAS	BSC RPM	RPWB0245	W2DC0020	14-Mar-06	31-Jul-07	20-Jun-06			XX			
1093	Revise Naval WP Analyses (1Calc) - 10 degree Oblique Drop w/ Slap Down	R	LAS	BSC RPM	RPWB0245	W2DC0021	14-Mar-06	31-Jul-07	20-Jun-06	22-Jun-07		XX			
1094	Revise Naval WP Analyses (1Calc) - Stress Classification w/ Pallet	R	LAS	BSC RPM	RPWB0245	W2DC0103	14-Mar-06	31-Jul-07	20-Jun-06			XX			
1095	Revise Naval WP Analyses (1Calc) - Vertical Drop	R	LAS	BSC RPM	RPWB0245	W2DC0023	14-Mar-06	31-Jul-07	20-Jun-06			XX			
1096	Degraded Emplacement Pallet Static. 000-00C-TEP0-00200-000-00A.	R	LA	BSC RPM	RPWB0245	W2DC0100	14-Mar-06	31-Jul-07	20-Jun-06			XX			
1097	MH-WHF P&ID Personnel Access Doors Sheet 1 ILA0	N	LA	BSC RPM	RPHK2420	WFKD242A	09-Apr-07	31-Jul-07	N/A	24-Apr-07	XX				
1098	MH-WHF P&ID Personnel Access Doors Sheet 2 ILA0	N	LA	BSC RPM	RPHK2420	WFKD242B	09-Apr-07	31-Jul-07	N/A	24-Apr-07	XX				
1099	MH-WHF P&ID Shield Doors Sheet 1 ILA0	N	LA	BSC RPM	RPHK2420	WFKD242C	09-Apr-07	31-Jul-07	01-Feb-07	15-Mar-07	XX				
1100	MH-WHF P&ID Shield Doors Sheet 2 ILA0	N	LA	BSC RPM	RPHK2420	WFKD242D	09-Apr-07	31-Jul-07	01-Feb-07	15-Mar-07	XX				
1101	MH-WHF P&ID Preparation Stations Sheet 1 ILA0	N	LA	BSC RPM	RPHK2420	WFKD242E	09-Apr-07	31-Jul-07	21-Mar-07	21-Jun-07	XX				
1102	MH-WHF P&ID Preparation Stations Sheet 2 ILA0	N	LA	BSC RPM	RPHK2420	WFKD242F	09-Apr-07	31-Jul-07	21-Mar-07	21-Jun-07	XX				
1103	MH-WHF P&ID Decontamination Pit Cover ILA0	N	LA	BSC RPM	RPHK2420	WFKD242G	09-Apr-07	31-Jul-07			XX				
1104	MH-WHF P&ID DPC Cutting Gate ILA0	N	LA	BSC RPM	RPHK2420	WFKD242H	09-Apr-07	31-Jul-07			XX				
1105	MH-WHF P&ID Crane Zone Drawing ILA0	N	LA	BSC RPM	RPHK2420	WFKD242J	09-Apr-07	31-Jul-07	N/A	21-Jun-07	XX				
1106	MH-WHF P&ID Shield Gates ILA0	N	LA	BSC RPM	RPHK2420	WFKD242K	09-Apr-07	31-Jul-07	01-Feb-07	15-Mar-07	XX				
1107	Instrument Air P&ID	N	LA	BSC RPM	RP7M1460	C1MD1460	31-May-07	02-Aug-07	N/A	28-Mar-07	XX				
1108	Subsurface Layout Drawings Update - 4 Panels	N	LA	BSC RPM	RP1A0610	P0AD0060	01-Nov-06	02-Aug-07	1-Nov-06			XX			
1109	Subsurface Layout Drawings Update - Panel 1	N	LA	BSC RPM	RP1A0610	P0AD0061	01-Nov-06	02-Aug-07	1-Nov-06			XX			
1110	Repository Subsurface Waste Emplacement Transporter Routes (1 of 2)	N	LA	BSC RPM	RP1A0610	P0AD0062	01-Nov-06	02-Aug-07	1-Nov-06			XX			
1111	Repository Subsurface Waste Emplacement Transporter Routes (2 of 2)	N	LA	BSC RPM	RP1A0610	P0AD0063	01-Nov-06	02-Aug-07	1-Nov-06			XX			
1112	Subsurface Layout Drawings Update - Panel 2	N	LA	BSC RPM	RP1A0610	P0AD0064	01-Nov-06	02-Aug-07	1-Nov-06			XX			
1113	Mining Drawings Panel 3 Update	N	LA	BSC RPM	RP1A0610	P0AD0070	01-Nov-06	02-Aug-07	1-Nov-06			XX			

1114	Mining Drawings Panel 4 Update	N	LA	BSC RPM	RP1A0610	P0AD0071	01-Nov-06	02-Aug-07	1-Nov-06			XX			
1115	Wet Handling Facility Worker Dose Assessment	N	LA	BSC RPM	RPHN4004	WFNC4004	23-May-07	02-Aug-07							XX
1116	ENE ALARA Design Review & Analysis - ILA0	N	LA	BSC RPM	RP1N5610	P0NR5610	06-Apr-07	03-Aug-07	6-Apr-07						XX
1117	Formal ALARA Design Review for the LA Design of the Subsurface Facility and the Emplacement Facility. 800-30V-HPRA-00100-000-00A	N	LA	BSC RPM	RP1N5610	P0NR5610	06-Apr-07	03-Aug-07	6-Apr-07						XX
1118	FEP DATABASE REPORT	N	LA	SNL	PAD444S	N/A	N/A	06-Aug-07				X		XX	
1119	PC Observation Drift Ventilation Dwg.	R	LAS	BSC RPM	RP1H0550	P0HD0112	16-Jan-07	06-Aug-07	1-Nov-06			XX			
1120	RF BDBGM Response Spectra Analysis	N	LAS	BSC RPM	RPJL1062	RFLC0013	25-Jun-07	06-Aug-07			XX				
1121	Develop Site Prelim, FHA	R	LA	BSC RPM	RPQW8105	FWWA0005	14-May-07	07-Aug-07			XX				
1122	MHDR for DPC Cutting Equipment	N	LA	BSC RPM	RPHK2170	WFKR2170	14-Nov-06	07-Aug-07	05-Feb-07		XX				
1123	General Purpose Air system P&ID	N	LAS	BSC RPM	RPHM1410	WFMD1410	12-Jun-07	07-Aug-07	N/A	28-Mar-07	XX				
1124	Preliminary HVAC Model IFPE	N	LAS	BSC RPM	RPHP1005	WFPO1001	23-Apr-07	07-Aug-07	01-Dec-06	02-Jul-07	XX				
1125	UZ FLOW MODELS AMR	R	LA	SNL	PAD800S	N/A	N/A	08-Aug-07						XX	
1126	WP Fire Calcs TAD	N	LAS	BSC RPM	RPWB3080	W2DC0033	03-Apr-07	08-Aug-07	N/A	15-Feb-07		XX			
1127	MH CRCF, P&IDs, Cask Handling Crane, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1440	18-Apr-07	09-Aug-07	N/A	02-Mar-07	XX		X		
1128	MH CRCF, P&IDs, CTM Maintenance Crane, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1441	18-Apr-07	09-Aug-07	09-Jan-07	16-Mar-07	XX		X		
1129	MH CRCF, P&IDs, WP Closure Cell Crane, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1442	18-Apr-07	09-Aug-07	N/A	15-Mar-07	XX		X		
1130	MH CRCF, P&IDs, Closure Support Crane, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1443	18-Apr-07	09-Aug-07	09-Jan-07	24-Mar-07	XX		X		
1131	MH CRCF, P&IDs, Closure Support Crane, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1444	18-Apr-07	09-Aug-07	09-Jan-07	24-Mar-07	XX		X		
1132	MH CRCF, P&IDs, WP Handling Crane, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1445	18-Apr-07	09-Aug-07	N/A	02-Mar-07	XX		X		
1133	MH CRCF, P&IDs, Cask Yoke, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1446	18-Apr-07	09-Aug-07	N/A	15-Mar-07	XX		X		
1134	MH CRCF, P&IDs, MCO Grapple, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1447	18-Apr-07	09-Aug-07			XX		X		
1135	MH CRCF, P&IDs, Canister Grapple, Type I, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1448	18-Apr-07	09-Aug-07	N/A	23-Feb-07	XX		X		
1136	MH CRCF, P&IDs, Canister Grapple, Type II, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1449	18-Apr-07	09-Aug-07	03-Jan-07		XX		X		
1137	MH CRCF, P&IDs, Canister Grapple, Type III, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1450	18-Apr-07	09-Aug-07	03-Jan-07		XX		X		
1138	MH CRCF, P&IDs, Canister Grapple, Type IV, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1451	18-Apr-07	09-Aug-07	03-Jan-07		XX		X		
1139	MH CRCF, P&IDs, Canister Grapple, Type V, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1452	18-Apr-07	09-Aug-07	03-Jan-07		XX		X		
1140	MH CRCF, P&IDs, Canister Grapple, Type VI, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1453	18-Apr-07	09-Aug-07	03-Jan-07		XX		X		
1141	MH CRCF, P&IDs, WP Pallet Yoke, ILA0	N	LA	BSC RPM	RP7K1440	C1KD1454	18-Apr-07	09-Aug-07	N/A	15-Mar-07	XX		X		
1142	COMPLETE CONV & COND AMR	R	LA	SNL	PAD842S	N/A	N/A	10-Aug-07						XX	
1143	Chilled Water System P&ID - Sheet 1	N	LAS	BSC RPM	RPJM1440	RFMD1441	19-Apr-07	10-Aug-07			XX				
1144	Chilled Water System P&ID - Sheet 2	N	LAS	BSC RPM	RPJM1440	RFMD1442	19-Apr-07	10-Aug-07			XX				
1145	Hot Water System P&ID - Sheet 1	N	LAS	BSC RPM	RPJM1450	RFMD1451	19-Apr-07	10-Aug-07			XX				
1146	Hot Water System P&ID - Sheet 2	N	LAS	BSC RPM	RPJM1450	RFMD1452	19-Apr-07	10-Aug-07			XX				
1147	TEV Equipment Dose Calculation	N	LAS	BSC RPM	RP6N3134	ERNC3134	20-Apr-07	13-Aug-07				XX			
1148	Equipment Qualification Emplacement & Retrieval Equipment	N	LA	BSC RPM	RP6N6430	HTKT0105	11-May-07	13-Aug-07	12-Dec-06			XX			
1149	Develop Plant - CHW/HW Prep SAR Sketch IFLA	R	LA	BSC RPM	RPZM4396	UFMD0007	31-Jul-07	13-Aug-07			XX				
1150	Service Gases P&ID	N	LAS	BSC RPM	RP5M1480	LCMD1480	26-Mar-07	14-Aug-07	N/A	29-May-07	XX				
~~1151~~	~~IHF Preliminary Structural Analysis IFPE~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5L1130~~	~~LCLC0015~~	~~25-Apr-07~~	~~16-Aug-07~~			~~XX~~				
1152	SEIS FINAL DRAFT	N	LAS	SNL	PACD330	N/A	N/A	16-Aug-07						XX	
1153	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C1	03-May-07	17-Aug-07	23-Mar-07		XX				
1154	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C10	03-May-07	17-Aug-07	23-Mar-07		XX				
1155	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C2	03-May-07	17-Aug-07	23-Mar-07		XX				
1156	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C3	03-May-07	17-Aug-07	23-Mar-07		XX				
1157	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C4	03-May-07	17-Aug-07	23-Mar-07		XX				
1158	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C5	03-May-07	17-Aug-07	23-Mar-07		XX				
1159	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C6	03-May-07	17-Aug-07	23-Mar-07		XX				
1160	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C7	03-May-07	17-Aug-07	23-Mar-07		XX				
1161	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C8	03-May-07	17-Aug-07	23-Mar-07		XX				
1162	EDGF - Preliminary Structural Steel Calculation	N	LA	BSC RPM	RPUL7022	L7022C9	03-May-07	17-Aug-07	23-Mar-07		XX				
1163	CONCEPTUAL DESIGN REPORT FOR NEXT GENERATION PA	N	LAS	SNL	PAD070	N/A	N/A	17-Aug-07						XX	
1164	Wet Handling Facility Criticality Safety Calculation	N	LA	BSC L&NS	LADT0255	NA	15-Aug-07	17-Aug-07					XX		
1165	Aging Facility Criticality Safety Calculations. 170-00C-HA00-00100-000-00C.	R	LA	BSC L&NS	LADT0345	NA	14-Aug-07	17-Aug-07					XX		
1166	IHF Structural Fragility	N	LAS	BSC RPM	RP5L1011	CLLC1003	26-Jun-07	20-Aug-07					XX		
1167	Develop GP Air Systems Prelim P&IDs	N	LA	BSC RPM	RPQM6155	AGMD0001	26-Jun-07	21-Aug-07			XX				
~~1168~~	~~CRCF Tier 2 SASSI Model Documentation~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7L1082~~	~~C1LC0041~~	~~26-Jun-07~~	~~21-Aug-07~~			~~XX~~				
1169	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPUP1030	P1030GD1	25-Jul-07	21-Aug-07			XX		X		
1170	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPUP1030	P1030GD1	25-Jul-07	21-Aug-07			XX		X		
1171	Preliminary General Arrangements ILA0	N	LA	BSC RPM	RPUP1030	P1030GD1	25-Jul-07	21-Aug-07			XX		X		
1172	Thermal Analysis of Drift Collapse	N	LAS	BSC RPM	RPWB3994	W2DC0099	17-Apr-07	22-Aug-07	15-Feb-07			XX			
1173	Develop Service Gas Systems - Preliminary Calcs	N	LAS	BSC RPM	RPQM6174	AGMC0001	31-May-07	23-Aug-07			XX				
1174	Argon Gas P&ID	N	LA	BSC RPM	RP7M1482	C1MD1482	31-May-07	23-Aug-07	N/A	31-May-07	XX				
1175	Helium Gas P&ID	N	LA	BSC RPM	RP7M1483	C1MD1482A	31-May-07	23-Aug-07	N/A	31-May-07	XX				
1176	COMPLETE PARTICLE TRACKING DOCUMENTATION FOR TSPA	N	LA	SNL	PAD803S10	N/A	N/A	23-Aug-07						XX	
1177	Fire Hazard Analysis - ILA0	N	LA	BSC RPM	RPHW288	WFWC2880	31-May-07	23-Aug-07			XX				
1178	COMPLETE WF DISSOLVED CONCENTRATIONS AMR	R	LA	SNL	PAD833S	N/A	N/A	24-Aug-07						XX	
1179	COMPLETE WF/IN-DRIFT COLLOID AMR	N	LA	SNL	PAD834S	N/A	N/A	24-Aug-07						XX	
1180	Site Elect. - Main Single Line Diag IFLA	R	LA	BSC RPM	RPQE2298	PDED009	01-Jun-07	24-Aug-07	04-Dec-06		XX				
1181	TEV Mechanical Handling Design Report	N	LA	BSC RPM	RP6K5110	HTKT0114	04-May-07	27-Aug-07	23-Mar-07			XX			
1182	Develop Plant System Load Calculation	N	LAS	BSC RPM	RPZM4353	UFMC0001	04-May-07	27-Aug-07	03-Jan-07		XX				
1183	Chilled Water System P&ID - Sheet 1	N	LA	BSC RPM	RP7M1440	C1MD1441	03-Jul-07	28-Aug-07			XX				
1184	Chilled Water System P&ID - Sheet 2	N	LA	BSC RPM	RP7M1440	C1MD1442	03-Jul-07	28-Aug-07			XX				
1185	Hot Water System P&ID - Sheet 1	N	LA	BSC RPM	RP7M1450	C1MD1451	03-Jul-07	28-Aug-07			XX				
1186	Hot Water System P&ID - Sheet 2	N	LA	BSC RPM	RP7M1450	C1MD1452	03-Jul-07	28-Aug-07			XX				
1187	EDGF - Foundation Design	N	LA	BSC RPM	RPUL7023	L7023C1	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1188	EDGF - Exterior and Interior Wall Design	N	LA	BSC RPM	RPUL7023	L7023C10	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1189	EDGF - Roof Design	N	LA	BSC RPM	RPUL7023	L7023C11	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1190	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C12	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1191	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C13	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1192	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C14	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1193	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C15	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1194	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C2	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1195	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C3	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1196	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C4	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1197	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C5	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1198	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C6	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1199	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C7	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1200	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C8	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1201	EDGF - Preliminary Concrete Calculation	N	LA	BSC RPM	RPUL7023	L7023C9	05-Jun-07	28-Aug-07	27-Nov-06		XX				
1202	Initial Handling Facility, Canister Receipt and Closure Facility and Receipt Facility Criticality Safety Calculation	N	LA	BSC L&NS	LADT0245	NA	23-Aug-07	29-Aug-07					XX		
1203	Multiscale Thermohydrologic Model. ANL-EBS-MD-000049	R	LA	SNL	PAD841S	Note 2	#N/A	30-Aug-07			X	X		XX	
1204	Preclosure Consequence Analyses for License Application. 000-00C-MGR0-00900-000-00C.	R	LA	BSC RPM	LAPS1290	PSA	12-Nov-07	30-Nov-07				X	XX		

1205	V&ID Ldg/Unldg Area Exhaust System - Train A (C2/C3) ITS, Sht 1	N	LA	BSC RPM	RP7H1255	C1HD0011A	21-Nov-06	31-Aug-07	05-Sep-06		XX				
1206	V&ID Ldg/Unldg Area Exhaust System - Train A (C2/C3) ITS, Sht 1	N	LAS	BSC RPM	RP7H1255	C1HD0011A	21-Nov-06	31-Aug-07	05-Sep-06				XX		
1207	V&ID Ldg/Unldg/WP Positioning Air Distribution (C2/C3) ITS	N	LA	BSC RPM	RP7H1255	C1HD0015	21-Nov-06	31-Aug-07	05-Sep-06		XX		X		
1208	V&ID Elect Room Supply+Air Distr, Train A (C2) ITS	N	LA	BSC RPM	RP7H1255	C1HD0021A	21-Nov-06	31-Aug-07	05-Sep-06		XX		X		
1209	LLW Structural Design Calculation 1	N	LA	BSC RPM	RP3L1040	LWLC0001	10-May-07	31-Aug-07			XX				
1210	LLW Structural Design Calculation 2	N	LA	BSC RPM	RP3L1040	LWLC0002	10-May-07	31-Aug-07			XX				
1211	PERFORMANCE CONFIRMATION TEST PLAN for PRECIPITATION MONITORING	N	LAS	SNL	PAD002S	N/A	N/A	31-Aug-07						XX	
1212	DELIVER SENSITIVITY DEGRAD ANALYSIS CONCEPTUAL TAD	N	LAS	SNL	PAD300S	N/A	N/A	31-Aug-07						XX	
1213	ITS/Non-ITS Interaction Report	N	LA	BSC L&NS	LAPS4050	NA	20-Aug-07	31-Aug-07					XX		
1214	Postclosure Nuclear Safety Design Basis Document: Features, Events and Processes Control Parameters and Proposed Technical Specifications Candidates. TDR-MGR-MD-000040	R	LA	SNL	PAD902S	NA	NA	31-Aug-07					X	XX	X
1215	EBS P&CE (Physical and Chemical Environment) AMR	R	LA	SNL	PAD846S	Note 2	#N/A	31-Aug-07			X			XX	
1216	Heating and Cooling Load Calc (C2)	N	LAS	BSC RPM	RPJH1115	RFHC0006A	17-Nov-06	31-Aug-07	06-Nov-06		XX				
1217	Equipment Sizing Calc (C2)	N	LAS	BSC RPM	RPJH1115	RFHC0007	17-Nov-06	31-Aug-07	06-Nov-06		XX				
1218	Pressure Drop Calc (C2)	N	LAS	BSC RPM	RPJH1115	RFHC0008	17-Nov-06	31-Aug-07	06-Nov-06	31-May-07	XX				
1219	Heating and Cooling Load Calc (C1)	N	LAS	BSC RPM	RPJH1115	RFHC0009	17-Nov-06	31-Aug-07	06-Nov-06	31-May-07	XX				
1220	Equipment Sizing Calc (C1)	N	LAS	BSC RPM	RPJH1115	RFHC0010	17-Nov-06	31-Aug-07	06-Nov-06		XX				
1221	Pressure Drop Calc (C1)	N	LAS	BSC RPM	RPJH1115	RFHC0011	17-Nov-06	31-Aug-07	06-Nov-06	29-May-07	XX				
1222	TWP for WP DEGRAD and EXTERNAL ACCUM REPORT COMPLETE	N	LAS	SNL	PAD214S	N/A	N/A	04-Sep-07	N/A	19-Dec-06				XX	
1223	Ground Control for Emplacement Drifts . 800-K0C-SSE0-00100-000-00A.	R	LA	BSC RPM	RP1G0605	P0GC0710	13-Dec-06	04-Sep-07	1-Dec-06	16-Apr-07		XX			
1224	Scoping Analysis on Sensitivity and Uncertainty of Emplacement Drift Stability. 800-K0C-TEG0-00600-000-000.	R	LA	BSC RPM	RP1G0605	P0GC0740	13-Dec-06	04-Sep-07	1-Dec-06			XX			
1225	Study: Ground support behavior under 10-6 MAPE GM	N	LAS	BSC RPM	RP1G0605	P0GC0761	13-Dec-06	04-Sep-07	1-Dec-06			XX			
1226	ITS Elec/Battery Room HVAC	N	LA	BSC RPM	RPHH094	WFHD1095	16-Apr-07	05-Sep-07			XX		X		
1227	ITS Air Distribution/Cascading	N	LA	BSC RPM	RPHH094	WFHD1096	16-Apr-07	05-Sep-07			XX		X		
1228	Exhaust System	N	LA	BSC RPM	RPHH094	WFHD1097	16-Apr-07	05-Sep-07			XX		X		
1229	Stack Monitoring	N	LA	BSC RPM	RPHH094	WFHD1098	16-Apr-07	05-Sep-07			XX		X		
1230	COMPLETE BIOSPHERE MODEL AMR	R	LA	SNL	PAD860S	N/A	N/A	07-Sep-07						XX	
1231	Frequency Analysis of Aircraft Hazards for License Application. 000-00C-WHS0-00200-000-00D.	R	LA	BSC L&NS	LAPCAC110	Note 2	08-Aug-07	07-Sep-07			X		XX		X
1232	Site Elect - UPS Single Line IFLA	N	LA	BSC RPM	RPQE2139	PDED003	30-Jul-07	10-Sep-07			XX				
1233	IHF Crane Fragility evaluation	N	LAS	BSC RPM	RP5L1160	CLLC1006	18-Jul-07	11-Sep-07					XX		
1234	Rock Fall on Waste Packages. 000-00C-MGR0-01400-000-00A.	N	LA	BSC RPM	RPWB4210	W2DC0039	20-Nov-06	11-Sep-07	30-Aug-06			XX	X		
~~1235~~	~~Preliminary Steel Calculations 1~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5L1065~~	~~LCLC0011~~	~~22-May-07~~	~~14-Sep-07~~			~~XX~~				
~~1236~~	~~Preliminary Steel Calculations 2~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5L1065~~	~~LCLC0012~~	~~22-May-07~~	~~14-Sep-07~~			~~XX~~				
~~1237~~	~~IHF Prel. Concrete Calculations 1~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5L1150~~	~~LCLC0018~~	~~19-Jul-07~~	~~14-Sep-07~~			~~XX~~				
~~1238~~	~~IHF Prel. Concrete Calculations 2~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP5L1150~~	~~LCLC0019~~	~~19-Jul-07~~	~~14-Sep-07~~			~~XX~~				
1239	Underground Layout Configuration. 800-P0C-MGR0-00100-000-00E	R	LA	BSC RPM	RP1A0605	P0AC0022	25-Oct-06	14-Sep-07	19-Mar-07						XX
~~1240~~	~~Low-Level Waste Facility As Low As Is Reasonably Achievable Design Review and Analysis~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RP3N1015~~	~~N/A~~	~~20-Jul-07~~	~~14-Sep-07~~							~~XX~~
1241	Composite VFD Supply & Exhaust (C2) ITS & Non-ITS	N	LA	BSC RPM	RP7H1010	C1HD0001A	10-Oct-06	17-Sep-07	05-Sep-06		XX				
1242	Composite VFD Electrical - Train A&B (C2) ITS	N	LA	BSC RPM	RP7H1010	C1HD0002A	10-Oct-06	17-Sep-07	05-Sep-06		XX				
1243	Composite VFD Elect and Mech Eq Rms (C2) Non-ITS	N	LA	BSC RPM	RP7H1010	C1HD0003	10-Oct-06	17-Sep-07	05-Sep-06		XX				
~~1244~~	~~Comm. Sys. - Revise System Design Analysis IFLA~~	~~R~~	~~LA~~	~~BSC RPM~~	~~RPQJ4022~~	~~CAJC0001~~	~~29-Mar-07~~	~~17-Sep-07~~			~~XX~~				
1245	Design Analysis for the YMP Communications System.	R	LA	BSC RPM	RPQJ4022	CAJC0001	29-Mar-07	17-Sep-07			X		XX		
1246	Geologic Repository Operations Area North Portal Site Plan.	R	LA	BSC RPM	RPCC1650	SPCD0026	29-Mar-07	17-Sep-07	29-Mar-07		XX				X
1247	Receipt Facility As Low As Is Reasonably Achievable Design Review and Analysis	N	LA	BSC RPM	RPJN1525	RFNR1525	24-Jul-07	18-Sep-07							XX
~~1248~~	~~Interim Geotechnical Report~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPSML577B~~	~~See Note 2~~	~~23-Oct-06~~	~~19-Sep-07~~	~~15-Nov-06~~		~~XX~~				
1249	WP Assembly Drawings	N	LAS	BSC RPM	RPWB2127	W2DD0030	02-Apr-07	19-Sep-07	2-Apr-07	29-May-07		XX			
1250	WP Assembly Drawings	N	LAS	BSC RPM	RPWB2127	W2DD0031	02-Apr-07	19-Sep-07	2-Apr-07	29-May-07		XX			
1251	WP Assembly Drawings	N	LAS	BSC RPM	RPWB2127	W2DD0032	02-Apr-07	19-Sep-07	2-Apr-07	29-May-07		XX			
~~1252~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0033~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1253~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0034~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1254~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0035~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1255~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0036~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1256~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0037~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1257~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0038~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1258~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0039~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1259~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0040~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1260~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0041~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1261~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0042~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1262~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0043~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1263~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0044~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1264~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0045~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1265~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0046~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1266~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0047~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1267~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0048~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1268~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0049~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1269~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0050~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1270~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0051~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1271~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0052~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1272~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0053~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1273~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0054~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1274~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0055~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1275~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0056~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
~~1276~~	~~WP Assembly Drawings Flagship~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWB2127~~	~~W2DD0057~~	~~02-Apr-07~~	~~19-Sep-07~~				~~XX~~			
1277	Preclosure Criticality Screening Analysis	N	LA	BSC L&NS	LADT0445	NA	17-Sep-07	20-Sep-07					XX		
1278	Subsurface Facility Radiation Zone Classification. 800-U00-AKRP-00101-000-00C	N	LA	BSC RPM	RP1N1031	P0ND1031	03-Apr-07	20-Sep-07	3-Apr-07			X			XX
~~1279~~	~~Commercial TAD Waste Package Design Report~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPWP0220~~	~~W2DC0030~~	~~15-May-07~~	~~20-Sep-07~~				~~XX~~			
1280	TAD Waste Package Design Report	N	LA	BSC RPM	RPWP0220	W2DC0030	15-May-07	20-Sep-07	N/A			XX	X		
1281	HLW/DOE SNF Codisposal Waste Package Design Report	R	LA	BSC RPM	RPWP0255	W2DC0031	15-May-07	20-Sep-07	N/A			XX			
~~1282~~	~~Shield Plug HLW WP Analyses (10 Calcs)~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPWP0235~~	~~W2DC0098~~	~~15-Dec-06~~	~~20-Sep-07~~				~~XX~~			
1283	Naval Waste Package Design Report	R	LA	BSC RPM	RPWB0255	W2DR0002	15-May-07	20-Sep-07				XX			
1284	Single Line Diagram - Normal Power	N	LA	BSC RPM	RP7E1020	C1ED0005	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1285	Single Line Diagram - 480 V MCC 01A	N	LA	BSC RPM	RP7E1020	C1ED0006	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1286	Single Line Diagram - 480 V MCC 01B	N	LA	BSC RPM	RP7E1020	C1ED0007	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1287	Single Line Diagram - 480 V MCC 01C	N	LA	BSC RPM	RP7E1020	C1ED0008	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1288	Single Line Diagram - 480 V MCC 01D	N	LA	BSC RPM	RP7E1020	C1ED0009	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1289	Single Line Diagram - Normal UPS Inverter	N	LA	BSC RPM	RP7E1020	C1ED0010	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1290	Single Line Diagram - 480 V MCC ITS A	N	LA	BSC RPM	RP7E1020	C1ED0011	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		

1291	Single Line Diagram - 480 V MCC ITS B	N	LA	BSC RPM	RP7E1020	C1ED0012	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1292	Single Line Diagram - 480 V UPS Inverter ITS A	N	LA	BSC RPM	RP7E1020	C1ED0013	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
1293	Single Line Diagram - 480 V UPS Inverter ITS B	N	LA	BSC RPM	RP7E1020	C1ED0014	01-Feb-07	21-Sep-07	05-Mar-07		XX		X		
~~1294~~	~~Extreme Wind/ Tornado/ Tornado Missile Hazard Analysis~~	~~R~~	~~LA~~	~~BSC L&NS~~	~~LAPS3990~~	~~Note 2~~	~~24-Aug-07~~	~~21-Sep-07~~			~~XX~~				
1295	Engineering Study LA 1 Rev Con Ops	N	LAS	BSC RPM	RP1A0570	P0AR0010	31-Jan-07	21-Sep-07	5-Dec-06			XX			
1296	HVAC V&IDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1020	H1020D1	30-Jul-07	24-Sep-07	08-Dec-06		XX				
1297	HVAC V&IDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1020	H1020D2	30-Jul-07	24-Sep-07	08-Dec-06		XX				
1298	HVAC V&IDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUH1020	H1020D3	30-Jul-07	24-Sep-07	08-Dec-06		XX				
1299	Single Line Diagram - Normal Power	N	LA	BSC RPM	RPJE1020	RFED0005	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1300	Single Line Diagram - 480 V MCC 05A	N	LA	BSC RPM	RPJE1020	RFED0006	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1301	Single Line Diagram - 480 V MCC 05B	N	LA	BSC RPM	RPJE1020	RFED0007	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1302	Single Line Diagram - Normal UPS Inverter	N	LA	BSC RPM	RPJE1020	RFED0008	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1303	Single Line Diagram - 480 V MCC ITS A	N	LA	BSC RPM	RPJE1020	RFED0009	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1304	Single Line Diagram - 480 V MCC ITS B	N	LA	BSC RPM	RPJE1020	RFED0010	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1305	Single Line Diagram - 480 V UPS Inverter ITS A	N	LA	BSC RPM	RPJE1020	RFED0011	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1306	Single Line Diagram - 480 V UPS Inverter ITS B	N	LA	BSC RPM	RPJE1020	RFED0012	01-Jun-07	24-Sep-07	27-Mar-07		XX		X		
1307	CCCF - Fire Hazards Analysis - IFLA	N	LA	BSC RPM	RPYW8700	CCWA0001	04-Jun-07	25-Sep-07	02-Apr-07	11-Jun-07	XX				
1308	TEV ALARA Review Preliminary (ENE)	N	LAS	BSC RPM	RP6N1910	ERNR1910	03-Jul-07	25-Sep-07				XX			
1309	CRCF Structural Fragility 1	N	LAS	BSC RPM	RP7L1011	C1LC0016	05-Jun-07	26-Sep-07					XX		
1310	CRCF Structural Fragility 2	N	LAS	BSC RPM	RP7L1011	C1LC0017	05-Jun-07	26-Sep-07					XX		
1311	CRCF Structural Fragility 3	N	LAS	BSC RPM	RP7L1011	C1LC0018	05-Jun-07	26-Sep-07					XX		
1312	CRCF Structural Fragility 4	N	LAS	BSC RPM	RP7L1011	C1LC0019	05-Jun-07	26-Sep-07					XX		
1313	CRCF Structural Fragility 5	N	LAS	BSC RPM	RP7L1011	C1LC0020	05-Jun-07	26-Sep-07					XX		
~~1314~~	~~CRCF SAP Structural Analysis Model~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7L1130~~	~~C1LC0042A~~	~~26-Jun-07~~	~~26-Sep-07~~			~~XX~~				
1315	CRCF Crane Fragility Calculation 1	N	LAS	BSC RPM	RP7L1160	C1LC0056	25-Jul-07	26-Sep-07					XX		
1316	CRCF Crane Fragility Calculation 2	N	LAS	BSC RPM	RP7L1160	C1LC0058	25-Jul-07	26-Sep-07					XX		
1317	Cask Cooling Calc	N	LAS	BSC RPM	RPHB1170	WFBC1170	12-Jun-07	26-Sep-07			XX				
1318	Cavity Gas Sampling P&ID	R	LA	BSC RPM	RPHB1120	WFBD1120	12-Jun-07	26-Sep-07	N/A	28-Mar-07	XX				
1319	Cask Decon P&ID	N	LA	BSC RPM	RPHB1160	WFBD1160	12-Jun-07	26-Sep-07	N/A	10-May-07	XX				
1320	WHF BDBGM Response Spectra	N	LA	BSC RPM	RPHL1014	WFLC0006	15-Aug-07	26-Sep-07			XX				
1321	COMPLETE SZ FLOW & TRANSPORT DOCUMENTATION FOR TSPA	R	LA	SNL	PAD825S	N/A	N/A	27-Sep-07						XX	
1322	RECEIVE FINAL AMR FEEDS	N/A	LAS	SNL	PATS302M	N/A	N/A	27-Sep-07						XX	
1323	COMPLETE THERMAL ENVELOPE STUDY	N	LA	SNL	PAD104S	Note 2	#N/A	27-Sep-07			X	X		XX	
~~1324~~	~~Thermal Envelope Study~~	~~N~~	~~LA~~	~~SNL~~	~~PAUZM280 Thru PAUZM340~~	~~S30311~~	~~02-Oct-06~~	~~27-Sep-07~~	~~2-Oct-06~~			~~XX~~			
1325	DELIVER IMPACT ASSESSMENT REPORT	N	LAS	SNL	PAD060	N/A	N/A	28-Sep-07						XX	
1326	COMPLETE SPPE for REPOSITORY	N	LAS	SNL	PAD847S	N/A	N/A	28-Sep-07						XX	
1327	Draft TSPA Volume 2: Chapters 7	R	LA	SNL	PATS2002	N/A	N/A	28-Sep-07						XX	
1328	Draft TSPA Volume 3: Chapters 8-9 & Appendices	R	LA	SNL	PATS2003	N/A	N/A	28-Sep-07						XX	
1329	PROVIDE TSPA-NAVY SOURCE-TERM COMPARISON to NAVY	N/A	LAS	SNL	PATSNAVY3	N/A	N/A	28-Sep-07						XX	
1330	WHITE PAPER ASSESSMENT of SITE CHARACTERIZATION ACTIVITIES	N	LAS	SNL	PCTP0015	N/A	N/A	28-Sep-07						XX	
1331	Draft Standard Practices Procedure Plan	N	LA	BSC L&NS S&S	PMMS4010H	N/A	10-Jan-07	17-Sep-07	10-Jan-07						XX
1332	Draft Material Control & Accounting Plan	N	LA	BSC L&NS S&S	PMMS2010H	N/A	10-Jan-07	28-Sep-07	10-Jan-07						XX
1333	Draft Physical Protection Plan	N	LA	BSC L&NS S&S	PMMS1010H	N/A	10-Jan-07	12-Oct-07	10-Jan-07						XX
1334	Draft Contingency and Response Plan	N	LA	BSC L&NS S&S	PMMS1030H	N/A	10-Jan-07	30-Oct-07	10-Jan-07						XX
1335	Draft Training and Qualification Plan	N	LA	BSC L&NS S&S	PMMS1020H	N/A	10-Jan-07	31-Aug-07	10-Jan-07						XX
1336	ALARA Design Guide. 000-3DG-HPRA-00200-000-000	R	LA	BSC RPM	RPMY3240	N/A	02-Oct-06	28-Sep-07	2-Oct-06						XX
1337	DATABASE OF RISKS & RELATED MITIGATION PLANS FOR IDENTIFIED VULNERABILITIES	N	LAS	SNL	PAD204S	N/A	N/A	28-Sep-07						XX	
1338	SUBMIT DUST DELIQUESCENCE SCREENING AMR	R	LA	SNL	PAD840S	Note 2	#N/A	28-Sep-07			X			XX	
1339	Shaft Liner Design. 860-KMC-SSD0-00100-000-00B.	R	LA	BSC RPM	RP1G0615	P0GC0720	10-Apr-07	28-Sep-07				XX			
1340	Ground Control for Non-Emplacement Drifts . 800-KMC-SSD0-00700-000-00A.	R	LA	BSC RPM	RP1G0615	P0GC0730	10-Apr-07	28-Sep-07	19-Mar-07			XX			
1341	Revised Calc - Estimate of rockfall in non-emplacement openings	N	LA	BSC RPM	RP1G0615	P0GC0770	10-Apr-07	28-Sep-07	15-Jan-07	21-Jun-07		XX			
1342	General Airflow Arrangement	N	LA	BSC RPM	RP1H0560	P0HD0012	27-Apr-06	28-Sep-07	1-May-06	15-Feb-07		XX			
1343	Low-Level Waste Facility Worker Dose Assessment	N	LA	BSC RPM	RP3N1010	LWNC1010	06-Aug-07	01-Oct-07							XX
1344	HEPA Filter Plenums, Exhaust Fans & Tertiary Confinement Zones	N	LA	BSC RPM	RPJH1140	RFHD0008	22-Feb-07	01-Oct-07			XX		X		
1345	C1 MCC and Battery Rm Trains A & B	N	LA	BSC RPM	RPJH1140	RFHD0009	22-Feb-07	01-Oct-07			XX		X		
1346	C1 AHU #1 & AHU #2	N	LA	BSC RPM	RPJH1140	RFHD0010A	22-Feb-07	01-Oct-07					XX		
1347	C2 Recirc. Cooling - 1	N	LA	BSC RPM	RPHH090	WFHD1090	25-Jun-07	02-Oct-07			XX				
1348	C2 Recirc. Cooling - 2	N	LA	BSC RPM	RPHH090	WFHD1091	25-Jun-07	02-Oct-07			XX				
1349	C2 - Air Distribution	N	LA	BSC RPM	RPHH090	WFHD1092	25-Jun-07	02-Oct-07			XX				
1350	C1 - HVAC Diagram - 1	N	LA	BSC RPM	RPHH090	WFHD1093	25-Jun-07	02-Oct-07			XX				
1351	C1 - HVAC Diagram - 2	N	LA	BSC RPM	RPHH090	WFHD1094	25-Jun-07	02-Oct-07			XX				
1352	Receipt Facility Reliability and Categorization Analysis	N	LA	BSC L&NS	LAPS4270	NA	21-Sep-07	04-Oct-07					XX		
1353	Basis of Design for the TAD Canister–Based Repository Design Concept.	R	LA	BSC RPM	RP7S0250	C1ZR5030	12-Oct-06	05-Oct-07	25-Oct-06		XX		X		
1354	MHDR for Waste Package Loadout ITS Equipment	N	LA	BSC RPM	RP5K1175	LCKR1175	18-Dec-06	05-Oct-07	02-Jan-07		XX				
1355	Prepare Throughput Analysis ILA0	N	LA	BSC RPM	RPHS1280	WFKR5040	14-Jun-07	05-Oct-07			XX				
1356	Chilled Water System P&ID - Sht. 1	N	LAS	BSC RPM	RPHM1440	WFMD1441	13-Jul-07	05-Oct-07			XX				
1357	Chilled Water System P&ID - Sht. 2	N	LAS	BSC RPM	RPHM1440	WFMD1442	13-Jul-07	05-Oct-07			XX				
1358	Hot Water System P&ID - Sht. 1	N	LAS	BSC RPM	RPHM1440	WFMD1445	13-Jul-07	05-Oct-07			XX				
1359	Hot Water System P&ID - Sht. 2	N	LAS	BSC RPM	RPHM1440	WFMD1446	13-Jul-07	05-Oct-07			XX				
1360	Instrument Air System P&ID	N	LAS	BSC RPM	RPHM1460	WFMD1460	12-Jun-07	05-Oct-07	N/A	28-Mar-07	XX				
1361	Preliminary Piping Model IFPE	N	LAS	BSC RPM	RPHP1040	WFPO1003A	06-Jun-07	05-Oct-07	11-Dec-06	31-May-07	XX				
1362	Fire Suppression Calculation IFPE	N	LAS	BSC RPM	RPHW1020	WFWD1020A	19-Jul-07	08-Oct-07	N/A	09-Mar-07	XX				
1363	Fire Suppression P&ID - IFPE	N	LA	BSC RPM	RPHW1020	WFWD1021	19-Jul-07	08-Oct-07			XX				
1364	Nitrogen Gas P&ID	N	LA	BSC RPM	RP7M1481	C1MD1481	18-Jul-07	10-Oct-07	N/A	31-May-07	XX				
1365	Fire Alarm & Detection Calculation	N	LAS	BSC RPM	RP5W1050	LCWD1050	18-Jul-07	10-Oct-07			XX				
1366	Fire Suppression Calculation-IFPE	N	LAS	BSC RPM	RP5W1065	LCWD1065	18-Jul-07	10-Oct-07	N/A	09-Mar-07	XX				
1367	COMPLETE SA IMPACT ANALYSIS REPORT For INFIL	N	LA	SNL	PAD805S	N/A	N/A	10-Oct-07						XX	
1368	Receipt Facility Event Sequence Development Analysis	N	LA	BSC L&NS	LAPS4170	NA	28-Sep-07	11-Oct-07					XX		
1369	Subsurface Facility Shielding Requirements	N	LA	BSC RPM	RP1N1020	P0NC1020	12-Jun-07	11-Oct-07				XX			
1370	Receipt Facility Fire Alarm & Detection P&ID - Sheet #1 - ILA0	N	LA	BSC RPM	RPJW1055	RFWD1055	20-Jun-07	11-Oct-07			XX				
1371	Receipt Facility Fire Alarm & Detection P&ID - Sheet #2 - ILA0	N	LA	BSC RPM	RPJW1055	RFWD1055A	20-Jun-07	11-Oct-07			XX				
1372	Receipt Facility Fire Alarm & Detection P&ID - Sheet #3 - ILA0	N	LA	BSC RPM	RPJW1055	RFWD1055B	20-Jun-07	11-Oct-07			XX				
1373	Receipt Facility Fire Suppression System P&ID - Sheet #1- ILA0	N	LA	BSC RPM	RPJW1060	RFWD1060	20-Jun-07	11-Oct-07			XX				
1374	Receipt Facility Fire Suppression System P&ID - Sheet #2- ILA0	N	LA	BSC RPM	RPJW1060	RFWD1060A	20-Jun-07	11-Oct-07			XX				
1375	Receipt Facility Fire Suppression System P&ID - Sheet #2- ILA0	N	LA	BSC RPM	RPJW1060	RFWD1060B	20-Jun-07	11-Oct-07			XX				
1376	I&C ITS Logic Sketches IHF-1 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0001	25-Apr-07	12-Oct-07			XX		X		
1377	I&C ITS Logic Sketches IHF-2 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0002	25-Apr-07	12-Oct-07			XX		X		
1378	I&C ITS Logic Sketches IHF-3 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0003	25-Apr-07	12-Oct-07			XX		X		
1379	I&C ITS Logic Sketches IHF-4 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0004	25-Apr-07	12-Oct-07			XX		X		

1380	I&C ITS Logic Sketches IHF-5 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0005	25-Apr-07	12-Oct-07			XX		X		
1381	I&C ITS Logic Sketches IHF-6 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0006	25-Apr-07	12-Oct-07			XX		X		
1382	I&C ITS Logic Sketches IHF-7 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0007	25-Apr-07	12-Oct-07			XX		X		
1383	I&C ITS Logic Sketches IHF-8 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0008	25-Apr-07	12-Oct-07			XX		X		
1384	I&C ITS Logic Sketches IHF-9 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0009	25-Apr-07	12-Oct-07			XX		X		
1385	I&C ITS Logic Sketches IHF-10 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0010	25-Apr-07	12-Oct-07			XX		X		
1386	I&C ITS Logic Sketches IHF-11 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0011	25-Apr-07	12-Oct-07			XX		X		
1387	I&C ITS Logic Sketches IHF-12 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0012	25-Apr-07	12-Oct-07			XX		X		
1388	I&C ITS Logic Sketches IHF-13 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0013	25-Apr-07	12-Oct-07			XX		X		
1389	I&C ITS Logic Sketches IHF-14 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0014	25-Apr-07	12-Oct-07			XX		X		
1390	I&C ITS Logic Sketches IHF-15 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0015	25-Apr-07	12-Oct-07			XX		X		
1391	I&C ITS Logic Sketches IHF-16 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0016	25-Apr-07	12-Oct-07			XX		X		
1392	I&C ITS Logic Sketches IHF-17 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0017	25-Apr-07	12-Oct-07			XX		X		
1393	I&C ITS Logic Sketches IHF-18 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0018	25-Apr-07	12-Oct-07			XX		X		
1394	I&C ITS Logic Sketches IHF-19 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0019	25-Apr-07	12-Oct-07			XX		X		
1395	I&C ITS Logic Sketches IHF-20 ILA0	N	LA	BSC RPM	RP5J1014	LCJD0020	25-Apr-07	12-Oct-07			XX		X		
1396	Wet Handling Facility As Low As Is Reasonably Achievable Design Review and Analysis	N	LA	BSC RPM	RPHN4008	WFNR4008	06-Jul-07	12-Oct-07							XX
~~1397~~	~~GROA Worker Dose Calculation~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPHN1200~~	~~BOP~~	~~13-Aug-07~~	~~15-Oct-07~~				~~XX~~			
1398	SUBMIT INTERIM GEOTECH REPORT to TDMS	N	LAS	SNL	PAGT0302	N/A	N/A	15-Oct-07			X			XX	
1399	Overall Site Plan IFLA	R	LA	BSC RPM	RPCC1007	SPCD0008	26-Apr-07	15-Oct-07			XX				
1400	PCSA Extr All Surf Fac Wrkr Dose Calc	R	LA	BSC RPM	RPHN1200	WFNC1200	13-Aug-07	15-Oct-07				X	XX		
1401	Wet Handling Facility Reliability and Categorization Analysis	N	LA	BSC L&NS	LAPS4420	NA	03-Oct-07	16-Oct-07					XX		
1402	Intrasite and Balance of Plant Reliability and Categorization Analysis	N	LA	BSC L&NS	LAPS4870	NA	03-Oct-07	16-Oct-07					XX		
1403	Ground Motion Input Report	R	LA	BSC RPM	PAD70140A	Note 2	11-Dec-06	16-Oct-07	16-Nov-06		XX				
1404	Single Line Diagram - 480V MCC 04A	N	LA	BSC RPM	RPHE1020	WFED0007A	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1405	Single Line Diagram - 480V MCC 04B	N	LA	BSC RPM	RPHE1020	WFED0008A	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1406	Single Line Diagram - 480V MCC 04C	N	LA	BSC RPM	RPHE1020	WFED0009A	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1407	Single Line Diagram - 480V MCC 04D	N	LA	BSC RPM	RPHE1020	WFED0010A	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1408	Single Line Diagram - UPS Inverter 04A	N	LA	BSC RPM	RPHE1020	WFED0011	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1409	Single Line Diagram - UPS Inverter 04B	N	LA	BSC RPM	RPHE1020	WFED0012	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1410	Single Line Diagram - 480V Emerg. MCC A4 (Train A)	N	LA	BSC RPM	RPHE1020	WFED0013	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1411	Single Line Diagram - 480V Emerg. MCC B4 (Train B)	N	LA	BSC RPM	RPHE1020	WFED0014	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1412	Single Line Diagram - Emergency UPS Inverter A4 (Train A)	N	LA	BSC RPM	RPHE1020	WFED0015	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1413	Single Line Diagram - Emergency UPS Inverter B4 (Train B)	N	LA	BSC RPM	RPHE1020	WFED0016	08-Jun-07	16-Oct-07	09-Apr-07		XX		X		
1414	MH-WHF P&IDs Canister Transfer M/C Sheet 1 ILA0	N	LA	BSC RPM	RPHK1405	WFKD1405	21-Aug-07	16-Oct-07	05-Sep-06	23-Feb-07	XX		X		
1415	MH-WHF P&IDs Canister Transfer M/C Sheet 2 ILA0	N	LA	BSC RPM	RPHK1405	WFKD1406	21-Aug-07	16-Oct-07	05-Sep-06	23-Feb-07	XX		X		
1416	Neutron Activation of Committed/Non-Committed Materials	R	LA	BSC RPM	RP1N0635	P0NC0635	12-Jun-07	17-Oct-07				XX			
1417	RF Crane Fragility Evaluation	N	LAS	BSC RPM	RPJL1077	RFLC0030	22-Aug-07	17-Oct-07					XX		
1418	Develop Service Gas Systems - Preliminary P&IDs	N	LA	BSC RPM	RPQM6175	AGMD0002	24-Aug-07	19-Oct-07			XX				
1419	V&ID Loadout - Supply AHU (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0026	04-Jan-07	19-Oct-07			XX				
1420	V&ID Loadout Area, Air Distribution (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0028	04-Jan-07	19-Oct-07			XX				
1421	V&ID North & South Weld Closure Area - Supply AHU (C2) Non-ITS, Sht 1	N	LA	BSC RPM	RP7H1250	C1HD0031	04-Jan-07	19-Oct-07			XX				
1422	V&ID North & South WP Closure Area, Air Distribution (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0035	04-Jan-07	19-Oct-07			XX				
1423	V&ID Transfer Area - Supply AHU (C2) Non-ITS, Sht 1	N	LA	BSC RPM	RP7H1250	C1HD0037A	04-Jan-07	19-Oct-07			XX				
1424	V&ID Transfer Area, Air Distribution (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0041A	04-Jan-07	19-Oct-07			XX				
1425	V&ID Prep Area - Supply AHU (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0043	04-Jan-07	19-Oct-07			XX				
1426	V&ID Prep Area, Air Distribution (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0045A	04-Jan-07	19-Oct-07			XX				
1427	V&ID North-Half Ldg/Undg Clg, Supply AHU (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0047	04-Jan-07	19-Oct-07			XX				
1428	V&ID Ldg/UnLdg area Clg Air Distribution (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0051	04-Jan-07	19-Oct-07			XX				
1429	V&ID Mech Rooms North, Supply AHU (C2) Non-ITS, Sht 1	N	LA	BSC RPM	RP7H1250	C1HD0053A	04-Jan-07	19-Oct-07			XX				
1430	V&ID Mech Rooms North Air Distri (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0057A	04-Jan-07	19-Oct-07			XX				
1431	V&ID Mech Rooms South, Supply AHU (C2) Non-ITS, Sht 1	N	LA	BSC RPM	RP7H1250	C1HD0060A	04-Jan-07	19-Oct-07			XX				
1432	V&ID Mech Rooms South Air Distr (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0064	04-Jan-07	19-Oct-07			XX				
1433	V&ID Support Rms, Supply AHU + Air Distr (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0067	04-Jan-07	19-Oct-07			XX				
1434	V&ID Elect & Battery Rms, Supply AHU + Air Distr (C2) Non-ITS	N	LA	BSC RPM	RP7H1250	C1HD0070A	04-Jan-07	19-Oct-07			XX				
1435	V&ID Exhaust Air Stack	N	LA	BSC RPM	RP7H1250	C1HD0075A	04-Jan-07	19-Oct-07			XX				
1436	V&ID Support Rooms, Supply AHU/RF+Air Distr (C1) Non-ITS	N	LA	BSC RPM	RP7H1258	C1HD0081	04-Jan-07	19-Oct-07			XX				
1437	V&ID Operations Rms, Supply AHU/RF+Air Distr (C1) Non-ITS	N	LA	BSC RPM	RP7H1258	C1HD0085	04-Jan-07	19-Oct-07			XX				
1438	I&C ITS Logic Sketches CRCF-1 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0001	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1439	I&C ITS Logic Sketches CRCF-2 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0002	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1440	I&C ITS Logic Sketches CRCF-3 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0003	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1441	I&C ITS Logic Sketches CRCF-4 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0004	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1442	I&C ITS Logic Sketches CRCF-5 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0005	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1443	I&C ITS Logic Sketches CRCF-6 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0006	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1444	I&C ITS Logic Sketches CRCF-7 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0007	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1445	I&C ITS Logic Sketches CRCF-8 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0008	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1446	I&C ITS Logic Sketches CRCF-9 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0009	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1447	I&C ITS Logic Sketches CRCF-10 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0010	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1448	I&C ITS Logic Sketches CRCF-11 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0011	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1449	I&C ITS Logic Sketches CRCF-12 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0012	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1450	I&C ITS Logic Sketches CRCF-13 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0013	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1451	I&C ITS Logic Sketches CRCF-14 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0014	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1452	I&C ITS Logic Sketches CRCF-15 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0015	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1453	I&C ITS Logic Sketches CRCF-16 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0016	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1454	I&C ITS Logic Sketches CRCF-17 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0017	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1455	I&C ITS Logic Sketches CRCF-18 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0018	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1456	I&C ITS Logic Sketches CRCF-19 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0019	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1457	I&C ITS Logic Sketches CRCF-20 ILA0	N	LA	BSC RPM	RP7J1014	C1JD0020	05-Feb-07	19-Oct-07	05-Feb-07		XX		X		
1458	I&C ITS Logic Sketches WHF-1 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0001	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1459	I&C ITS Logic Sketches WHF-2 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0002	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1460	I&C ITS Logic Sketches WHF-3 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0003	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1461	I&C ITS Logic Sketches WHF-4 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0004	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1462	I&C ITS Logic Sketches WHF-5 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0005	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1463	I&C ITS Logic Sketches WHF-6 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0006	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1464	I&C ITS Logic Sketches WHF-7 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0007	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1465	I&C ITS Logic Sketches WHF-8 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0008	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1466	I&C ITS Logic Sketches WHF-9 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0009	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1467	I&C ITS Logic Sketches WHF-10 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0010	02-May-07	19-Oct-07	01-Mar-07		XX		X		
1468	I&C ITS Logic Sketches WHF-11 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0011	02-May-07	19-Oct-07			XX		X		
1469	I&C ITS Logic Sketches WHF-12 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0012	02-May-07	19-Oct-07			XX		X		
1470	I&C ITS Logic Sketches WHF-13 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0013	02-May-07	19-Oct-07			XX		X		
1471	I&C ITS Logic Sketches WHF-14 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0014	02-May-07	19-Oct-07			XX		X		
1472	I&C ITS Logic Sketches WHF-15 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0015	02-May-07	19-Oct-07			XX		X		

1473	I&C ITS Logic Sketches WHF-16 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0016	02-May-07	19-Oct-07			XX		X		
1474	I&C ITS Logic Sketches WHF-17 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0017	02-May-07	19-Oct-07			XX		X		
1475	I&C ITS Logic Sketches WHF-18 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0018	02-May-07	19-Oct-07			XX		X		
1476	I&C ITS Logic Sketches WHF-19 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0019	02-May-07	19-Oct-07			XX		X		
1477	I&C ITS Logic Sketches WHF-20 ILA0	N	LA	BSC RPM	RPHJ1014	WFJD0020	02-May-07	19-Oct-07			XX		X		
1478	MH-WHF P&ID TAD Closure Sheet 1 ILA0	N	LA	BSC RPM	RPHK2465	WFKD2465	17-Aug-07	19-Oct-07	N/A	29-Jun-07	XX				
1479	MH-WHF P&ID TAD Closure Sheet 2 ILA0	N	LA	BSC RPM	RPHK2465	WFKD2466	17-Aug-07	19-Oct-07	N/A	29-Jun-07	XX				
1480	MH-WHF P&ID TAD Closure Sheet 3 ILA0	N	LA	BSC RPM	RPHK2465	WFKD2467	17-Aug-07	19-Oct-07	N/A	29-Jun-07	XX				
1481	C2 Supply AHU, HEPA Filter and Exhaust Fan	N	LA	BSC RPM	RPJH1135	RFHD0005	07-Feb-07	22-Oct-07			XX				
1482	C1 Support and Offices, Supply AHU	N	LA	BSC RPM	RPJH1135	RFHD0006	07-Feb-07	22-Oct-07			XX				
1483	C1 HVAC and Mech Equip Rms, Supply AHU	N	LA	BSC RPM	RPJH1135	RFHD0007	07-Feb-07	22-Oct-07			XX				
1484	Wet Handling Facility Event Sequence Development Analysis	N	LA	BSC L&NS	LAPS4320	NA	10-Oct-07	23-Oct-07					XX		
1485	Subsurface Operations Reliability and Categorization Analysis	N	LA	BSC L&NS	LAPS4720	NA	10-Oct-07	23-Oct-07					XX		
1486	Intrasite and Balance of Plant Event Sequence Development Analysis	N	LA	BSC L&NS	LAPS4770	NA	10-Oct-07	23-Oct-07					XX		
1487	Overall Monitored Geologic Repository Site Layout. 000-C00-MGR0-00101-000-00C.	R	LA	BSC RPM	RPCC1650	SPCD0026 (BOP)	04-May-07	23-Oct-07				XX			
~~1488~~	~~CRCF Revised Response Spectra Design Verification~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RP7L1152~~	~~C1LC0055~~	~~27-Sep-07~~	~~26-Oct-07~~			~~XX~~				
1489	SCREENING ANALYSIS of CRITICALITY FEPs	N	LAS	SNL	PAD222S	N/A	N/A	26-Oct-07						XX	
1490	DELIVER PROBABILITY POSTCLOSURE CRITICALITY	N	LAS	SNL	SCD1050	N/A	N/A	26-Oct-07						XX	
1491	DELIVER SENSITIVITY ACCUM ANALYSIS CONCEPTUAL TAD	N	LAS	SNL	SCD1350	N/A	N/A	26-Oct-07						XX	
1492	DELIVER LOADING CURVE SENSITIVITY CONCEPTUAL TAD	N	LAS	SNL	SCD1550	N/A	N/A	26-Oct-07						XX	
1493	Initial Handling Facility Reliability and Categorization Analysis	N	LA	BSC L&NS	LAPS4120	NA	15-Oct-07	26-Oct-07					XX		
1494	Site Elect. - System Logic Diag. Rev B IFLA	N	LA	BSC RPM	RPQE2296	PDED008	29-Jun-07	29-Oct-07	07-Mar-07		XX				
1495	I&C ITS Logic Sketches RF-1 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0001	22-Jun-07	29-Oct-07			XX		X		
1496	I&C ITS Logic Sketches RF-2 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0002	22-Jun-07	29-Oct-07			XX		X		
1497	I&C ITS Logic Sketches RF-3 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0003	22-Jun-07	29-Oct-07			XX		X		
1498	I&C ITS Logic Sketches RF-4 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0004	22-Jun-07	29-Oct-07			XX		X		
1499	I&C ITS Logic Sketches RF-5 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0005	22-Jun-07	29-Oct-07			XX		X		
1500	I&C ITS Logic Sketches RF-6 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0006	22-Jun-07	29-Oct-07			XX		X		
1501	I&C ITS Logic Sketches RF-7 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0007	22-Jun-07	29-Oct-07			XX		X		
1502	I&C ITS Logic Sketches RF-8 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0008	22-Jun-07	29-Oct-07			XX		X		
1503	I&C ITS Logic Sketches RF-9 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0009	22-Jun-07	29-Oct-07			XX		X		
1504	I&C ITS Logic Sketches RF-10 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0010	22-Jun-07	29-Oct-07			XX		X		
1505	I&C ITS Logic Sketches RF-11 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0011	22-Jun-07	29-Oct-07			XX		X		
1506	I&C ITS Logic Sketches RF-12 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0012	22-Jun-07	29-Oct-07			XX		X		
1507	I&C ITS Logic Sketches RF-13 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0013	22-Jun-07	29-Oct-07			XX		X		
1508	I&C ITS Logic Sketches RF-14 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0014	22-Jun-07	29-Oct-07			XX		X		
1509	I&C ITS Logic Sketches RF-15 ILA0	N	LA	BSC RPM	RPJJ1014	RFJD0015	22-Jun-07	29-Oct-07			XX		X		
1510	Subsurface Operations Event Sequence Development Analysis	N	LA	BSC L&NS	LAPS4620	NA	17-Oct-07	30-Oct-07					XX		
1511	Combined with #1512 - MHDR for Shield Doors	N	LA	BSC RPM	RP5K1120	LCKR1120	02-Jan-07	31-Oct-07	17-Jan-07		XX				
1512	Combined with #1511 - MHDR for Shield Windows	N	LA	BSC RPM	RP5K1120	LCKR1120	02-Jan-07	31-Oct-07	17-Jan-07		XX				
~~1513~~	~~CCCF Sprinkler System Calc - Preliminary~~	~~N~~	~~LAS~~	~~BSC RPM~~	~~RPYW8775~~	~~TBD~~	~~26-Sep-07~~	~~06-Nov-07~~			~~XX~~				
1514	Subsurface Construction and Emplacement Ventilation. 800-P0C-MGR0-00200-000-00B.	R	LA	BSC RPM	RP1H0210	P0HC0025	16-Jan-07	07-Nov-07	1-Nov-06			XX			
1515	Panel 1 Construction Vent Sequencing Calc	N	LAS	BSC RPM	RP1H0210	P0HC0027	16-Jan-07	07-Nov-07	1-Nov-06			XX			
1516	Other Hazards Report	N	LA	BSC L&NS	LAPS4010	NA	29-Oct-07	09-Nov-07			X		XX		
1517	WHF Crane Fragility Calculation	N	LAS	BSC RPM	RPHL1092	WFLC0042	08-Aug-07	09-Nov-07					XX		
1518	Initial Handling Facility Event Sequence Development Analysis	N	LA	BSC L&NS	LAPS3260	NA	30-Oct-07	13-Nov-07					XX		
1519	RF Structural Fragility Calculation 1	N	LAS	BSC RPM	RPJL1072	RFLC0026	28-Aug-07	13-Nov-07					XX		
1520	RF Structural Fragility Calculation 2	N	LAS	BSC RPM	RPJL1072	RFLC0027	28-Aug-07	13-Nov-07					XX		
1521	TWP for COUPLED TH&C FLUID DYNAMICS	N	LA	SNL	PAD850S	N/A	N/A	16-Nov-07						XX	
1522	WHF Structural Fragility Calculation 1	N	LAS	BSC RPM	RPHL1085	WFLC0037	08-Aug-07	16-Nov-07					XX		
1523	WHF Structural Fragility Calculation 2	N	LAS	BSC RPM	RPHL1085	WFLC0038	08-Aug-07	16-Nov-07					XX		
1524	WHF Structural Fragility Calculation 3	N	LAS	BSC RPM	RPHL1085	WFLC0039	08-Aug-07	16-Nov-07					XX		
1525	WHF Structural Fragility Calculation 4	N	LAS	BSC RPM	RPHL1085	WFLC0040	08-Aug-07	16-Nov-07					XX		
1526	Site Elect. - Elec Equip Sizing Calcs Rev B	N	LAS	BSC RPM	RPQE2302	PDEC005	05-Apr-07	19-Nov-07	07-Mar-07		XX				
1527	CCCF -Fire Alarm & Detect P&ID - IFLA	N	LA	BSC RPM	RPYW8715	CCWD0001	26-Sep-07	20-Nov-07	18-Apr-07	18-May-07	XX				
1528	Develop Plant - CHW/HW Preliminary P&ID	N	LAS	BSC RPM	RPZM4355	UFMD0004	04-Jun-07	20-Nov-07			XX				
1529	Develop Plant HW Misc Equipment Sizing Calculations	N	LAS	BSC RPM	RPZM4355	UFMD0005	04-Jun-07	20-Nov-07			XX				
1530	Site - Worker Dose Assessment - Rev B	N	LA	BSC RPM	RPZN6090	PDNR6090	11-Jun-07	21-Nov-07	16-Apr-07						XX
1531	Canister Receipt and Closure Facility Reliability and Categorization Analysis	N	LA	BSC L&NS	LAPS4570	NA	12-Nov-07	27-Nov-07					XX		
~~1532~~	~~Internal Hazards Analysis for License Application. 000-00C-MGR0-00600-000-00C.~~	~~N~~	~~LA~~	~~BSC L&NS~~	~~LADS:4470,3260, 4170,4620,4320~~	~~N/A~~	~~02-Oct-06~~	~~28-Nov-07~~							~~XX~~
~~1533~~	~~Layout figure reflecting the Initial Handling Facilities area~~	~~N~~	~~LA~~	~~BSC RPM~~	~~RPIHC0040~~	~~HGCD0003~~	~~26-Jul-07~~	~~30-Nov-07~~							~~XX~~
1534	Preclosure Operational Safety Requirements Report	N	LA	BSC L&NS	LAPS4090	N/A	15-Nov-07	30-Nov-07					XX		
1535	Q-List. 000-30R-MGR0-00500-000-002.	R	LA	BSC L&NS	LAPS1160C	NA	15-Nov-07	30-Nov-07					XX		X
~~1536~~	~~Preclosure Consequence Analyses for License Application. 000-00C-MGR0-00900-000-00C.~~	~~R~~	~~LA~~	~~BSC L&NS~~	~~LAPS1290~~	~~NA~~	~~12-Nov-07~~	~~30-Nov-07~~					~~XX~~		
1537	Canister Receipt and Closure Facility Event Sequence Development Analysis	N	LA	BSC L&NS	LAPS4470	NA	15-Nov-07	30-Nov-07					XX		
1538	Nuclear Safety Design Bases for License Application.	R	LA	BSC L&NS	LAPS1100C	See Note 2	15-Nov-07	30-Nov-07			X		XX		X
1539	CCCF - Fire Suppression Coverage Figure - IFLA	N	LA	BSC RPM	RPYW8720	CCWD0002	10-Oct-07	30-Nov-07	N/A	15-Mar-07	XX				
1540	COMPLETE TSPA-LA AMR	R	LA	SNL	PAD203	N/A	N/A	03-Dec-07						XX	
~~1541~~	~~RF Event Sequence and Quantification Report update for structure and crane fragility analyses~~	~~N~~	~~LA~~	~~BSC L&NS~~	~~LAPS3440~~	~~N/A~~	~~14-Nov-07~~	~~31-Jan-08~~					~~XX~~		
1542	Seismic Event Sequence Analysis	N	LA	BSC L&NS	LAPS3570	N/A	19-Nov-07	04-Feb-08					XX		
1543	CRCF, IHF,RF, &WHF Port Slide Gate Mechanical Equipment Evelope DWG. 000-MJ0-H000-00301-000-00A	C	LA	BSC RPM	RP5K1320	LCKD1324	19-Jul-06	22-Dec-06	12-Jul-06	19-Dec-06	XX				
1544	Canister Receipt and Closure Facility TAD Slide Gate Mechanical Equipment Envelope 060-MJ0-H000-00201-000-00A	C	LA	BSC RPM	RP5K1320	LCKD1324	19-Jul-06	22-Dec-06	12-Jul-06	19-Dec-06	XX				
1545	Canister Receipt and Closure Facility DOE Canister Slide Gate Mechanical Equipment Envelope 060-MJ0-H000-00301-000-00A	C	LA	BSC RPM	RP5K1320	LCKD1324	19-Jul-06	22-Dec-06	12-Jul-06	19-Dec-06	XX				
1546	Revised Criticality FEPs Section Approved	N	LA	SNL	PAFEP096	N/A	N/A	01-Nov-07	N/A					XX	
1547	Complete PMA TSPA Appendix - EBS Radionuclide Transport Abstraction	N	LA	SNL	PACD370	N/A	N/A	31-May-07	N/A	31-May-07				XX	
1548	Complete PMA TSPA Appendix - Colloid Diversity Model	N	LA	SNL	PAPT010	N/A	N/A	14-May-07	N/A	31-May-07				XX	
1549	Complete Drift Scale THC Sensitivity AMR	R	LA	SNL	PAD808S10	N/A	N/A	03-Aug-07	N/A					XX	
1550	Approve WF/Inventory Allocation Documentation in TSPA	N	LA	SNL	PAFM04050	N/A	N/A	30-May-07	N/A					XX	
1551	C-TDIP Complete PVHA	N	LA	SNL	PACT430	N/A	N/A	20-Mar-07	N/A	28-Mar-07				XX	
1552	PMA TSPA Appendix - Limited Intrusion	N	LA	SNL	PAMM1185	N/A	N/A	04-May-07	N/A	31-May-07				XX	
1553	Deliver Drift Degradation TWP	N	LA	SNL	PAD1015	N/A	N/A	13-Feb-07	N/A	09-Feb-07				XX	
1554	Deliver TWP for Borated SS Testing	N	LA	SNL	SCD20	N/A	N/A	05-Feb-07	N/A	01-Feb-07				XX	
1555	Deliver KEFF of WPS in Magma Calculation	N	LA	SNL	SCD1450	N/A	N/A	02-Jul-07	N/A	06-Jul-07				XX	
1556	Deliver range of Applicability of Benchmark Experiments	N	LA	SNL	SCD1850	N/A	N/A	28-Sep-07	N/A					XX	

~~1557~~	~~Draft Physical protection Plan~~	~~N~~	~~LAS~~	~~BSC L&NS S&S~~	~~PMMS1010~~	~~N/A~~	~~10-Jan-07~~	~~14-Sep-07~~	~~N/A~~						~~XX~~
~~1558~~	~~Draft Training and Qualification Plan~~	~~N~~	~~LAS~~	~~BSC L&NS S&S~~	~~PMMS1020~~	~~N/A~~	~~10-Jan-07~~	~~31-Jul-07~~	~~N/A~~						~~XX~~
~~1559~~	~~Draft Contingency and Response Plan~~	~~N~~	~~LAS~~	~~BSC L&NS S&S~~	~~PMMS1030~~	~~N/A~~	~~10-Jan-07~~	~~27-Sep-07~~	~~N/A~~						~~XX~~
~~1560~~	~~Draft MC&A Plan~~	~~N~~	~~LAS~~	~~BSC L&NS S&S~~	~~PMMS2010~~	~~N/A~~	~~10-Jan-07~~	~~31-Aug-07~~	~~N/A~~						~~XX~~
1561	Draft Management and Transition Plan	N	LAS	BSC L&NS S&S	PMMS3010D	N/A	10-Jan-07	28-Sep-07	10-Jan-07						XX
1562	Draft Fitness for Duty Program Plan	N	LAS	BSC L&NS S&S	PMMS3020H	N/A	10-Jan-07	28-Sep-07	10-Jan-07						XX
1563	MEE for the 3 Ton remote Handling System (RHS) in the WP Closure Room	N	LAS	BSC RPM	RPKBMH233	See Note 1	N/A	23-Mar-07	N/A	22-Mar-07	XX				
1564	Drwaing of the Controlled Work Envelope for the Robotic arms	N	LAS	BSC RPM	RPKBRS158	See Note 1	N/A	23-Mar-07	N/A	22-Mar-07	XX				
1565	Equipment Qualification Design Basis Values Developed from the Preclosure Safety Analysis	N	LA	BSC RPM	RP7N2010	C1NR2010	1-Dec-06	16-May-07	13-Dec-06	15-May-07					XX
1566	Properties of Ventilation Air entering Emplacement Drifts	N	LAS	BSC RPM	RP1H0315	P0HR0001	4-Dec-06	6-Apr-07	4-Dec-06	05-Mar-07		XX			
1567	TBM Ventilation and Fire Hazard Study	N	LAS	BSC RPM	RP1H0325	P0HR0002	9-Apr-07	14-Sep-07	09-Apr-07			XX			
1568	Turnout Drifts Ventilation Door & Bulkhead Plan Rev B	N	LA	BSC RPM	RP1C0228	P0LD0132	16-Feb-07	23-Mar-07	N/A	27-Mar-07		XX			
1569	Stress Classification - Drop Emplacement Pallet	R	LAS	BSC RPM	RPWB3225	W2DC0046	2-Oct-06	28-Sep-07	05-Oct-06	16-Feb-07		XX			
1570	Revise Naval WP Analyses (1Calc) - Stress Classification w/ Pallet	R	LAS	BSC RPM	RPWB3225	W2DC0047	2-Oct-06	28-Sep-07	05-Oct-06			XX			
1571	CCCF - HVAC Prelim Composite VFDs	N	LAS	BSC RPM	RPYH4376	CCHD0002	05-Feb-07	07-May-07	11-Jan-07	23-May-07	XX				
1572	CCCF - HVAC Preliminary V&IDs	N	LAS	BSC RPM	RPYH4395	CCHD0004	20-Mar-07	19-Jun-07			XX				
1573	EDGFTrain A Electrical Equipment Layout	N	LA	BSC RPM	RPUE1015	E1015S1		19-Jan-07	08-Dec-06	31-May-07	XX				
1574	EDGFTrain B Electrical Equipment Layout	N	LA	BSC RPM	RPUE1015	E1015S2		19-Jan-07	08-Dec-06	31-May-07	XX				
1575	EDGF Train A Single Line Diagrams	N	LA	BSC RPM	RPUE1020	E1020S1		10-Aug-07	08-Dec-06		XX				
1576	EDGF Train B Single Line Diagrams	N	LA	BSC RPM	RPUE1020	E1020S2		10-Aug-07	08-Dec-06		XX				
1577	EDGF HVAC Composite VFD (ITS) ILAO SH 2	N	LA	BSC RPM	RPUH1010	H1010S8		17-Jan-07	18-Dec-06	31-Mar-07	XX				
1578	HVAC V&IDs Calc (ITS) ILAO	N	LA	BSC RPM	RPUH1025	H1025C4		12-Apr-07	22-Nov-06	03-Jul-07	XX				
1579	EDGF HVAC Load Calc (ITS) ILAO	N	LA	BSC RPM	RPUH1035	H1035C1		02-May-07	18-Dec-06		XX				
1580	EDGF HVAC Layout (ITS) ILAO	N	LA	BSC RPM	RPUH1045	H1045D1		02-May-07	08-Dec-06		XX				
1581	EDGF Structural Analysis	N	LA	BSC RPM	RPUL7005	L7005C1		11-May-07	18-Dec-06	31-May-07	XX				
1582	EDGF Soils Springs and Damper Ratios	N	LA	BSC RPM	RPUL7006	L7006C1		17-Jan-07	N/A	03-May-07	XX				
1583	EDGF Response Sprectra Analysis	N	LA	BSC RPM	RPUL7009	L7009R1A		02-Mar-07	18-Dec-06	31-May-07	XX				
1584	In-Structure Response Spectra	N	LA	BSC RPM	RPUL7009	L7009R1B		02-Mar-07	18-Dec-06	31-May-07	XX				
1585	EDGF Stability Analysis Calculation	N	LA	BSC RPM	RPUL7010	L7010C1		10-Jul-07			XX				
1586	ME SYS Potable Water P&ID ILAO	N	LA	BSC RPM	RPUM1500	M1500A1		18-Apr-07	18-Dec-06		XX				
1587	Potable Water Sys P&IDs (Non-ITS) ILAO	N	LA	BSC RPM	RPUM1500	M1500S1		18-Apr-07	18-Dec-06		XX				
1588	WHF - TAD Drying and Inerting Calc	N	LAS	BSC RPM	RPHB1110	WFBC1110		28-Feb-07	N/A	31-Mar-07	XX				
1589	Cavity Gas Sampling Calc	N	LAS	BSC RPM	RPHB1120	WFBC1120		26-Sep-07	26-Feb-07	15-Mar-07	XX				
1590	WHF - Pool Water treatment Collection Calc	N	LAS	BSC RPM	RPHB1150	WFBC1150		12-Mar-07	31-Aug-06	29-Mar-07	XX				
1591	Liquid LLW Collection and Disp P&ID	N	LA	BSC RPM	RPHB1130	WFBD1130		06-Jul-07			XX				
1592	YMP to Provide FEP Information for NNPP to Develop TSD Section 2.2.1.4.2	N	LAS	SNL	PATSNAVY7	N/A	N/A	05-Mar-07	N/A	06-Jun-07				XX	
1593	Public Atmospheric Dispersion Factor Calculation	R	LA	BSC L&NS	LAPSA101AA	N/A	22-Mar-06	03-Apr-07	13-Mar-06	29-Mar-07			XX		
1594	Complete Receipt Final Design Feeds	N	LAS	SNL	PAMS0060 PAMS0080 PAMS0090 PAMS0100	N/A	N/A	10-May-07	N/A	16-May-07				XX	
1595	Complete Design TDIPS	N	LAS	SNL	PAMS0110	N/A	N/A	31-May-07						XX	
1596	Complete Design Impact Analyses	N	LAS	SNL	PAMS0190	N/A	N/A	31-Aug-07						XX	
~~1597~~	~~Complete TSPA Sensitivity Analyses for Design Analyses~~	~~N~~	~~LAS~~	~~SNL~~	~~TBD~~	~~N/A~~	~~N/A~~	~~15-Sep-07~~						~~XX~~	
1598	Draft Emergency Plan	N	LAS	BSC L&NS	LAEP1090	N/A	01-Mar-07	03-Dec-07	01-Mar-07						XX
1599	External Events Sequence Analysis	N	LA	BSC L&NS	TBD	N/A	15-Jun-07	31-Aug-07					XX		
1600	Irrigation Recycling Complete	N	LA	SNL	PAD825S10	N/A	N/A	14-Aug-07						XX	
1601	Ashplume AMR Complete	N	LA	SNL	PAEC1110	N/A	N/A	22-Aug-07						XX	
1602	Drip Shield Corrosion AMR Complete	N	LA	SNL	PAD006S20	N/A	N/A	11-Jul-07						XX	
1603	Aging Facility (AP) Foundation Design	N	LA	BSC RPM	RPSL6912	A1LC00011	N/A	15-May-07			XX				
1604	RN Transport AMR	N	LA	SNL	PAD802S10	N/A	N/A	06-Jul-07						XX	

DOE Exhibit 2

DOE Exhibit 2

KENNY C. GUINN
Governor

STATE OF NEVADA

ROBERT R. LOUX
Executive Director

DOCKET NUMBER
PROPOSED RULE PR 2
(68FR 66372)

(2)

OFFICE OF THE GOVERNOR
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DOCKETED
USNRC

January 9,2004 (3:20PM)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

January 9, 2004

VIA FACSIMILE

Secretary
U.S. Nuclear Regulatory Commission
Attn: Rulemaking and Adjudications Staff
Washington, D.C. 20555-0001

Re: RIN 3150-AH31
Comments on Proposed Rule, 10 C.F.R. Part 2, Licensing Proceeding for the Receipt of High-Level Radioactive Waste at a Geologic Repository: Licensing Support Network, Submissions to the Electronic Docket, 68 Fed. Reg. 66,372-82, November 26,2003

Dear Sir:

The following comments on the subject Proposed Rule are being submitted on behalf of the State of Nevada and the Nevada Agency for Nuclear Projects. The Nevada Agency for Nuclear Projects was established by the legislature in 1985, to carry out the State's oversight duties related to the federal high-level nuclear waste program. Commenting on this Proposed Rule is within the Agency's assigned purview.

The Nuclear Regulatory Commission ("NRC") is proposing this amendment to 10 C.F.R. 2 for the purpose, among other things, of clarifying the respective roles and obligations of the United States Department of Energy ("DOE"), the NRC's Licensing Support Network ("LSN") Administrator, as well as other parties and potential parties with respect to the LSN. The LSN is an electronic information management system anticipated to be utilized in connection with a licensing proceeding for the proposed nuclear waste repository at Yucca Mountain, Nevada. As stated in the preamble to the Proposed Rule, "The Licensing Support Network (LSN) provides full text search and retrieval access to the relevant documents of all parties and potential parties to the HLW licensing proceeding in the time period before the U.S. Department of Energy (DOE) license application for the repository is submitted." (68 Fed. Reg. 66,372).

Template = SECY-067

SECY-02

The evolution of the LSN (originally denominated the "Licensing Support System") is instructive and confirms the intention of NRC from the inception of the program to establish an orderly sequence for the preparation of databases first by DOE, then by NRC, and finally, by Nevada and other parties and potential parties, containing all the documents considered relevant to the licensing proceeding by those parties. This sequence is captured in 10 C.F.R. Section 2.1003(a), which provides that DOE, the party with the burden of proof to establish its entitlement to an NRC license, would be the first to file its LSN database. The section goes on to prescribe deadlines of 30 days after DOE for the NRC, and 90 days after DOE for Nevada and other parties to file their respective LSN databases, all triggered by DOE's certification of its own database.

It is clear from the preamble of NRC's Proposed Rule *that* the foregoing step-wise approach was carefully calculated to (1) enable the parties to the anticipated proceeding other than DOE to have a reasonable dme to review the DOE LSN database before preparing and filing their own and (2) make s u n that the filing of all the respective databases was complete substantially prior to the docketing of DOE's License Application. Thus, NRC emphasizes in its preamble that the provisions of 10 C.F.R. 2.1003(a) "require the DOE to make its documentary material available to other potential parties and the public in electric form via the LSN no later than six months In advance of DOE's submission of its License Application to the NRC." (68 Fed. Reg. 66,373). Likewise, NRC made clear its intention that the entire sequence of LSN database filings was (akin to document production before trial in civil litigation) intended to be complete well before the time of DOE's License Application, and was intended to expedite the licensing process by supplanting what otherwise could be lengthy document production initiatives between and among the parties: "The Commission believed that the LSN could facilitate the timely review of DOE's License Application by providing for electronic access to relevant documents via the LSN before the License Application is submitted, rather than the traditional, and potentially time consuming, discovery process associated with the physical production of documents after a license application is submitted. In addition, the Commission believed that early access to these documents in an electronically searchable form would allow for a thorough and comprehensive technical review of the license application by all parties and potential parties to the HLW licensing proceeding, resulting in better focused contentions in *the* proceeding." (Vol. 68 Fed. Reg. 66,372-73) (emphasis supplied). NRC reiterates this point later in the Proposed Rulemaking, confirming its expectation that the LSN "would provide potential participants with the opportunity to frame focused and meaningful contentions and to avoid the delay potentially associated with document discovery, by requiring parties and potential parties to the proceeding to make all their Subpart J-defined documentary material available through the LSN prior to the submission of the DOE application. There purposes still obtain." (Vol. 68 Fed. Reg. 66,376) (emphasis supplied).

Given the desired goals of the sequential filing of databases by licensing proceeding participants – to avoid chaos and to ensure orderly preparation for the licensing proceeding by completing document exchange among the parties prior to the docketing of DOE's License Application, Nevada is deeply concerned that the present wording of the Proposed Rulemaking will fail to achieve NRC's goal. Specifically, it is very apparent to Nevada, from public pronouncements by DOE forecasting inclusion of over *40* million pages in its LSN database, and due to the necessary

administrative processing steps required by NRC after receipt of DOE's LSN database in order lo render it available and accessible to the other parties, that a period of time, perhaps substantial, will expire after DOE's submission before such availability is achieved. In other words, the date when DOE's LSN database will be available and accessible to the other parties and to the public is nut the date on which DOE certifies delivery of its LSN database, but a later date.

Hypothetically, were it to take 25 days from the time of DOE's certification before its database was actually available and accessible, the time period available to Nevada and other non-federal parties to review the enormous DOE database and deliver their own would shrink from 90 days to 65. Even more ominously, the time for tbc NRC staff itself to meet its filing obligation would shrink from 30 days to 5! Clearly, this result would defeat the clear intention of the sequential database filing timetable articulated by NRC in its Proposed Rulemaking.

Fortunately, lhe "vice" of this dilemma and its remedy arc fairly easy to perceive. Specifically, the risk of compression is occasioned by allowing DOE's certification to be the "trigger" for the deadlines of the other parties, when obviously, the intent of NRC in its rulemaking, clear from both the historical perspective and its preambular statements in this very Proposed Rulemaking, bespeaks a quite different intention – that NRC and the other parties be guaranteed a reasonable time (30 and 90 days, respectively) to prepare and submit their databases after DOE's is available and accessible.

The solution to avoiding what could be a chaotic result it readily suggested by other provisions of NRC's Rulemaking. Specifically, Section 2.1011(c) provides that the LSN administrator shall have the responsibility to "identify any problems experienced by the participants regarding LSN availability, including the availability of individual participant's data." It is the availability of DOE's database which is critical and not merely its filing date. Likewise, Section 2.1011 defines the LSN administrator as "the person within the U.S. Nuclear Regulatory Commission responsible for coordinating access to and the integrity of data available on the Licensing Support Network." Obviously. it is NRC's LSN administrator who will be uniquely situated to define the point in time when DOE's LSN database is available and accessible to the parties and to the public.

Accordingly, Nevada proposes that NRC change the "trigger" for the filing of LSN databases by parties other than DOE (including NRC itself, as well as Nevada and other parties) to the date on which the NRC's LSN administrator confirms the availability and accessibility of the DOE LSN database – for this is the true and meaningful starting point which would give vitality to the stated intention of NRC.

Nevada proposes that NRCs LSN administrator provide, both to the public by Federal Register notice and to the director of NRC's Office of Nuclear Materials Safety and Safeguards ("NMSS"), Notice of Acceptance of DOE's LSN database certification, confirming its availability and accessibility to the public and to the parties to the licensing proceeding. It is that event, rather than the mere DOE certification, which would be the critical date, vis a vis the preparation by the

other parties of their concomitant LSN databases. Such a scenario would be totally consistent with the stated intentions of NRC that there be an orderly exchange of documents prior to the License Application and the facilitation of focused contentions by the parties. Then, the 30-day and 90-day LSN filing deadlines for the NRC staff and for Nevada and other parties, respectively, set out in Section 2.1003(a) ought be measured from the truly meaningful date – the date DOE's database is available and accessible, as signaled by the NRC LSN administrator's Notice of Acceptance, rather than the date of the DOE's certification. In a related context, 10 C.F.R. 2.1012(a) provides that the NMSS director will not docket the DOE License Application until at least six months have elapsed from the time of the DOE certification. This provision should likewise be changed *to* provide that the six-month period would be measured from the NRC LSN administrator's Notice of Acceptance.

Significantly, Nevada's proposed language is directly parallel to language already used by the Commission in discussing the accessibility of the License Application itself: "The Director may determine that the tendered application is not acceptable for docketing . . . if the Secretary of tho Commission determines that the application cannot be effectively accessed through the Commission's electronic docket system." (10 C.F.R.2.1012(a)). This is consistent with Nevada's suggestion that the docketing of the License Application (and the LSN filing deadlines discussed above) be measured from the actual time of availability and accessibility of DOE's LSN database, rather than from the certification date *on* which DOE asserts its submission is complete.

Nevada believes that by adopting the following three brief modifications, the Proposed Rulemaking can be rendered entirely consistent with NRC's expressed intent, and can avoid what otherwise promises to become a chaotic pic-License Application document dilemma. Accordingly, Nevada urges adoption of these provisions:

1. Sec. 2.1003 Availability of Material.

(a) .... the NRC shall make available no later than 30 days after the LSN Administrator's Notice of Acceptance to the Director of NRC's Office of Nuclear Materials Safety and Safeguards of DOE's certification of compliance..., and each other potential party. no later than ninety days after the LSN Administrator's Notice of Acceptance to tbc Director of NRC's *Office of* Nuclear Materials Safety and Safeguards of DOE's certification of compliance...

2. In Sec. 2.1011(c), subparagraph (8) should be added, to read as follows:

(8) Issue, and cause to be published in *the* Federal Register, a Notice of Acceptance to the Director of the NRC's Office of Nuclear Materials Safety and Safeguards when the documentary material included in DOE's initial certification, pursuant to Sec. 2.1009, and all subsequent certifications, is fully accessible to all users and potential users of the Licensing Support Network, within the meaning of this Subpart.

3. In Sec. 2.1012, paragraph (a) should be revised to read as follows:

(a) [If the Department of Energy fails to make its initial certification at least six months prior to tendering the application upon receipt of the tendered application - *delete*] [N]otwithstanding the provisions of Sec. 2.101(f)(3), the Director of the NRC's Office of Nuclear Materials Safety and Safeguards will not docket the application until at least six months have elapsed from the time of the Federal Register publication of the LSN Administrator's Notice of Acceptance of DOE's initial certification. The Director may determine . . .

Finally, Nevada suggests that an appropriate addition be made to new Section 2.1003(c) m the Proposed Rulemaking, to ensure its consistency with NRC's stated philosophy in regard to the parties' exercise of good faith in the completeness of their submittals. Specifically, subsection *(c)* to Section 2.1003 in the Proposed Rulemaking addresses the continuing supplementation by *the* parties of their respective LSN database submissions. In the preamble, the Commission explains that it "still expects all participants to make a *good* faith effort to include on their LSN document collection servers all of the . . . documentary material that reasonably can be identified by the date specified for initial compliance in Section 2.1003(a) of the Commission's regulations." That observation by the Commission, in turn, is consistent with the basic requirement of its regulation 10 C.F.R. 63.21, which similarly provides that DOE's License Application "must be as complete as possible in light of information that is reasonably available at the time of docketing." Nevada accordingly suggests that in order to effect to this NRC principle, the follo ing sentence be added to 2.1003(e) in the Proposed Rulemaking: "However, the documentary material must be as complete as possible in the light of information that is reasonably available at the time of initial certification."

Nevada urges that each of the changes proposed by Nevada are both consistent with effecting stated NRC policy and intent and necessary to avoid extreme prejudice to Nevada, the NRC staff, and other licensing parties in tho preparation and submission of their LSN databases.

Thank you for *the* opportunity to comment on this Proposed Rule amendment.

Sincerely,

Robert R. Loux
Executive Director

DOE Exhibit 3

DOE Exhibit 3

BSC CORRESPONDENCE LOG #0406041049

QA: N/A

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MOL.20040413.0501

March 31, 2004

RECEIVED BY BSC CCU
DATE: 04/06/2004

Mr. Joseph Ziegler, Director
Office of License Application and Strategy
Office of Repository Development
U.S. Department of Energy
1551 Hillshire Drive
Las Vegas, NV 89134-6321

SUBJECT: SUMMARY OF THE FEBRUARY 19,2004, U.S NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF ENERGY QUARTERLY MANAGEMENT MEETING

Dear Mr. Ziegler:

Enclosed is the summary of the February 19,2004, Quarterly Management Meeting between the U.S. Nuclear Regulatory Commission (NRC) and the U.S. Department of Energy. The purpose of the meeting was to discuss the status of various management and programmatic issues concerning Yucca Mountain, Nevada.

The meeting was held at the NRC offices in Rockville, Maryland with video and audio connections with Bechtel SAIC offices in Las Vegas, Nevada and the Center for Nuclear Waste Regulatory Analyses in San Antonio, Texas.

If you have any questions regarding the enclosed meeting summary, please contact Omid Tabatabai at (301) 415-6616.

Sincerely,

C. William Reamer, Director
Division of High Level Waste
Repository Safety
Office of Nuclear Material Safety
and Safeguards

Enclosures:
1. Management Meeting Summary
2. Agenda
3. List of Attendees
4. Consolidated Action Items
5. Presentations

cc:
See attached list

Letter or Memorandum to J. Ziegler from C. W. Reamer, dated: March 31, 2004

cc:

A. Kalt, Churchill County, NV

R. Massey, Churchill/Lander County, NV

I. Navis, Clark County, NV

E. von Tiesenhausen, Clark County, NV

G. McCorkell, Esmeralda County, NV

L. Fiorenzi, Eureka County, NV

A. Johnson, Eureka County, NV

A. Remus, Inyo County, CA

M. Yarbro, Lander County, NV

S. Hafen, Lincoln County, NV

M. Baughman, Lincoln County, NV

L. Mathias, Mineral County, NV

L. Bradshaw, Nye County, NV

M. Maher, Nye County, NV

D. Hammermeister, Nye County, NV

M. Simon, White Pine County, NV

J. Ray, NV Congressional Delegation

B. J. Gerber, NV Congressional Delegation

F. Roberson, NV Congressional Delegation

T. Story, NV Congressional Delegation

R. Herbert, NV Congressional Delegation

L. Hunsaker, NV Congressional Delegation

S. Joya, NV Congressional Delegation

K. Kirkeby, NV Congressional Delegation

R. Loux, State of NV

S. Frishman, State of NV

S. Lynch, State of NV

P. Guinan, Legislative Counsel Bureau

J. Pegues, City of Las Vegas, NV

M. Murphy, Nye County, NV

M. Corradini, NWTRB

J. Treichel, Nuclear Waste Task Force

W. Briggs, Ross, Dixon & Bell

M. Chu, DOE/Washington, D.C.

G. Runkle, DOE/Washington, D.C.

C. Einberg, DOE/Washington, D.C.

S. Gomberg, DOE/Washington, D.C.

W. J. Arthur, III , DOUORD

R. Dyer, DOUORD

J. Ziegler, DOUORD

A. Gil, DOUORD

W. Boyle, DOUORD

D. Brown, DOUOCRWM

S. Mellington, DOVORD

C. Hanlon, DOUORD

T. Gunter, DOUORD

A. Benson, DOE/ORD

N. Hunemuller, DOE/ORD

M. Mason, BSC

S. Cereghino, BSC

N. Williams, BSC

E. Mueller, BSC

J. Mitchell, BSC

D. Beckman, BSC/B&A

M. Voegele, BSC/SAID

B. Helmer, Timbisha Shoshone Tribe

R. Boland, Timbisha Shoshone Tribe

R. Arnold, Pahrump Paiute Tribe

J. Birchirn, Yomba Shoshone Tribe

R. Holden, NCAE

cc: (Continued)

R. Clark, EPA

R. Anderson, NEI

R. McCullum, NEI

S. Kraft, NEI

J. Kessler, EPRI

D. Duncan, USGS

R. Craig, USGS

W. Booth, Engineering Svcs, LTD

L. Lehman, T-Reg, Inc.

S. Echols, Esq

C. Marden, BNFL, Inc.

J. Bacoch, Big Pine Paiute Tribe of the Owens Valley

P. Thompson, Duckwater Shoshone Tribe

T. Kingham, GAO

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J. C. Saulque, Benton Paiute Indian Tribe

C. Bradley, Kaibab Band of Southern Paiutes

R. Joseph, Lone Pine Paiute-Shoshone Tribe

L. Tom, Paiute Indian Tribes of Utah

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H. Jackson, Public Citizen

J. Wells, Western Shoshone National Council

D. Crawford, Inter-Tribal Council of NV

I. Zabarte, Western Shoshone National Council

S. Devlin

G. Hudlow

SUMMARY OF THE
U.S. NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF ENERGY
QUARTERLY MANAGEMENT MEETING
IN ROCKVILLE, MARYLAND
ON FEBRUARY 19,2004

Introduction

The U.S. Nuclear Regulatory Commission (NRC) and U.S. Department of Energy (DOE) held a public Quarterly Management Meeting for the Yucca Mountain Project (YMP) on February 19, 2004. The purpose of this meeting was to discuss the overall progress of the project at the potential geologic repository site at Yucca Mountain, Nevada. The meeting was hosted at the NRC Headquarters in Rockville, Maryland, with video and audio connections to the DOE Office of Repository Development in Las Vegas, Nevada, and the Center for Nuclear Waste Regulatory Analyses (CNWRA) in San Antonio, Texas. Other participants included representatives from the Nuclear Energy Institute (NEI), NRC Region IV, Bechtel SAIC Co. LLC (BSC), General Accounting Office (GAO), State of Nevada, Nevada Nuclear Waste Task Force, Clark County, and interested members of the public.

NRC Openina Remarks

Mr. Martin Virgilio, Director of the NRC's Office of Nuclear Materials Safety and Safeguards (NMSS), began his opening remarks by stating that the DOUNRC Quality Assurance (QA) meeting held on February 18,2004, was very productive. He went on to cover three major topics in his opening remarks, including (1) resolution of Key Technical Issue (KTI) Agreements, (2) recent evaluations performed by the NRC concerning DOE's technical documents, and (3) the Technical Exchange on February 3–4, 2004, regarding level of detail (especially "design" detail).

Mr. Virgilio noted that measurable progress has been made in the area of KTI Agreements, but emphasized the importance of adhering to the schedule, especially for igneous activity. He also stated that, after reviewing the Technical Basis Documents (TBDs), the NRC staff appreciates the bundling approach, which provides a better context for reviewing the issues.

Regarding the NRC's evaluations of DOE technical documents, Mr. Virgilio indicated that a publically available report summarizing the three evaluations will be available in the March/April time frame. He also provided the basis for the NRC's decision to conduct the evaluations using a "no-observer" approach. He explained that these evaluations were outside the scope of the DOE/NRC Pre-licensing interactions agreement and were not in a meeting-style format.

Mr. Virgilio also indicated that the Technical Exchange regarding level of detail was a success, with the parties reaching a common understanding of the level of detail that DOE will provide in its license application (LA) and the need for additional interaction concerning the classification of items that are important to safety.

Enclosure 1

In concluding his opening remarks, Mr. Virgilio stated that the NRC is continuing to develop its inspection program, which will ultimately transition to increased participation by Region IV.

NRC Program Update

Ms. Janet Schlueter, Chief of the NRC's High-Level Waste (HLW) Branch in the NMSS Division of Waste Management, provided an update concerning the NRC's program activities since the Quarterly Management Meeting in November 2003. Her remarks addressed the staff's review of bundled KTI agreements, an update of the Risk Insights Baseline report, the staffs ongoing efforts to update the Integrated Issue Resolution Status Report (IIRSR), development of the inspection program, and the staffs interactions with the NRC's Advisory Committee on Nuclear Waste (ACNW) and others.

Ms. Schlueter indicated that since last October, the NRC has received seven Technical Basis Documents (TBDs) that address 81 KTI Agreements. She also noted that the NRC has expressed concerns to DOE regarding the lack of supporting information and documents referenced in the TBDs that have been submitted for NRC review. Specifically, Ms. Schlueter mentioned that in a letter dated December 23, 2003, the NRC asked DOE to provide 50 reference documents to enable the staff to complete its reviews. In its response dated January 30, 2004, DOE provided a detailed plan on how it intended to provide both the NRC and the public with the supporting information, including the status of all 50 documents requested by the NRC. Since then, DOE has provided most of these documents to the NRC and has simultaneously made them available to the public. Ms. Schlueter encouraged DOE to "stay on track with its current KTI Agreement schedule, under which DOE would address the remaining agreements by late August of this year, providing the NRC with review time prior to receipt of the LA (planned for December 2004).

Ms. Schlueter also stated that the staff has continued its activities regarding the Risk Insights Initiative and has integrated the risk insights into various program areas, including the ongoing review of the TBDs. She added that the staff will likely issue an updated version, based on new information, before receipt of the LA.

In addition, Ms. Schlueter indicated that in June 2002, the staff issued the Integrated Issue Resolution Status Report (IIRSR) to reflect the then current status of the 293 agreements and the staff's understanding of the performance of the potential repository from a systems approach. The integrated sub-issues approach also aligns with the structure of the current Yucca Mountain Review Plan and reflects the staffs approach to reviewing an LA. She indicated that since that time, the staff has increased its knowledge and understanding of the repository and its potential performance; however, the status of many agreements has changed. As a result, the staff believes that it will be of benefit to the NRC staff and the agency's stakeholders to issue an update to the IIRSR before receipt of the LA.

As for the ongoing development of the NRC's inspection program, Ms. Schlueter stated that the staff is continuing its efforts to integrate risk insights into the development of various aspects of the inspection program, which will be in effect if the NRC dockets the LA. The staff has issued several inspection procedures and continues to work with the Region IV office and the CNWRA to develop additional procedures. The NRC's Region IV staff is also assisting

headquarters in qualifying staff as HLW inspectors. One has been qualified to date, and the NRC expects two others to be qualified by December of this year.

In concluding her remarks, Ms. Schlueter stated that the staff is working diligently to issue a publicly available final report on the findings of the three-part evaluations of the DOE program, which the NRC's teams of experts completed in the November – January time frame.

DOE Program **Update**

Dr. Margaret Chu, Director of DOE's ***Office*** of Civilian Radioactive Waste Management (OCRWM), provided an update from the DOE Program perspective. Specifically, she covered the breakdown of the proposed $880 million budget for fiscal year (FY) 2005 into three major components, including the repository, transportation, and waste acceptance. Dr. Chu also explained the planned transition of the Management Improvement Initiatives (MII) to the various line organizations to continue as routine business practices. She indicated that, via a letter to the NRC, DOE will document the details of closure of the MII. Dr. Chu also summarized the current status of the silica screening program and indicated that two known cases of silicosis exist to date. She further indicated that after hearing allegations of document falsification regarding test results for dust in the Exploratory Studies Facility, she has asked DOE's Office of the Inspector General to investigate the allegations. Dr. Chu added that although this issue is not a regulatory matter for the NRC, the Program remains committed to ensuring accupational safety in conjunction with a safety-conscious work environment (SCWE).

DOE **Yucca Mountain** Project **Update**

Mr. John Arthur, Deputy Director of DOE's Office of Repository Development (ORD), provided the **YMP** update. He began by announcing DOE's pending decision that he will function **as** the Chief Nuclear Officer and will certify DOE's input to the Licensing Support Network (LSN). The DOE input to LSN is projected to contain approximately 30 million pages, comprising about 3 million documents, and is about 50 percent complete. Mr. Arthur also confirmed that DOE will respond to the NRC's letter on this subject, dated February 5, **2004.** In addition, he stated that the Disposal Decision Plan is expected to be available in June and that DOE will brief the NRC on the details of that plan.

Mr. Virgilio asked what Mr. Arthur meant by the statistic that the LSN is 50 percent complete. Mr. Arthur explained that about half of the pages are nearing readiness to be placed in the LSN, and that they have been reviewed for accuracy and have been cleared with respect to sensitivity and security.

Mr. Arthur then expressed appreciation for the valuable insights and lessons learned from the NRC's three technical evaluations, especially in terms of the recognition that the technical documents need to be written in a more transparent style and be as standalone as practical.

Mr. Arthur also provided an update concerning the annunciator panel status and the role of the Leadership Council. He explained that the Leadership Council meets every 2 weeks to review selected condition reports (CRs) and the bases for late actions. Mr. Arthur noted that while progress has been made, the process needs to become stabilized and decisions regarding the "white" (i.e., no data population) and "gray" (i.e., awaiting final approval) indicators

need to be made. The NRC requested an interaction to discuss performance indicators, including those that are "red" and those that are "yellow" and declining.

The NRC staff inquired about incorporating the performance metric for "human performance" in the panel. DOE noted that most human performance problems are in the areas of skill-based and procedural noncompliance. Furthermore, implementations of six key project procedures (including those for data, software, and models) comprise the majority of problems in this area. DOE added that their senior managers have taken action to meet with the managers of the three offices with the highest numbers of human performance issues. Additionally, they will emphasize the need for improvement in the area of human performance with approximately 200 project managers and supervisors in a quality-focus meeting soon.

In response to a question from the NRC concerning where the human performance metric would be placed on the panel, Mr. Dennis Brown, Director of the OCRWM Office of Quality Assurance (OQA), indicated that although a final decision has not yet been made, a human performance indicator could be placed in the SCWE box. DOE agreed to provide a briefing to the NRC on the panel and selected individual metrics.

Mr. Virgilio asked what corrective actions DOE has planned to improve the implementation of six procedures that comprise more than half of the procedural noncompliance issues. Mr. Brown indicated that this is being handled through the action plan regarding human performance, and added that the action plan includes activities such as "pre-job briefings."

Mr. Arthur then provided an overview of the status of the commitments described in DOE's letter to the NRC dated May 29, 2003. Specifically, he indicated that 8 of the 13 actions have been closed. In particular, Mr. Arthur discussed DOE's new Corrective Action Program (CAP), the status of major corrective actions that are currently underway, and personnel changes in the Employee Concerns Program. He also indicated that DOE is aggressively recruiting someone to manage the Employee Concerns Program. Mr. Arthur also noted Mr. John Streeter's good work in managing the program in the interim. In addition, in response to the NRC's question regarding the timing for completion of commitment number 13 in DOE's letter dated May 29, 2003, Mr. Ziegler, Director of the Office of License Application and Strategy in DOE's Office of Repository Development, responded that the commitment action is expected to be closed within the next 60 days (by April 2004). DOE's Commitment number 13, in its May 29, 2003, letter, indicated that DOE would provide a semiannual report to its employees to communicate successes, lessons learned, and emphasize commitment to accountability. This commitment was to be fulfilled in October 2003. Even though information was communicated to employees in October 2003, DOE has deferred closure of this commitment until the process for reporting semi-annually has been institutionalized.

Mr. Arthur then went on to discuss the results of several recent independent assessments of DOE programs. Specifically, he outlined the process for integrating and prioritizing the various recommendations in the performance management assessment, the organizational assessment, the SCWE external survey and the quality assurance management assessment (QAMA). Mr. Arthur also described the five-phase approach used to evaluate the set of recommendations, the grouping of like recommendations, and the prioritization method. He added that those recommendations that provide the greatest benefit and can be implemented

in a reasonable time frame will be done first, with several items being deferred until after submission of the LA.

Mr. Matula, NRC, expressed concern regarding the transition of the Corrective Action Program (CAP) to line management. Mr. Arthur and Mr. Brown indicated that DOE will develop a formal transition plan and that the transition will occur gradually and systematically. However, they stated that the project must move toward holding the line accountable for CAP with strong oversight by the OQA.

License Application Status

Mr. Ziegler reported progress in DOE's preparation of the LA and in the technical areas of data qualification, software verification, and model validation. However, he noted the possibility of slippage of the schedule for preparing some analysis and model reports (AMRs), and stated that DOE would examine whether the delays in submitting AMRs to the NRC could impact the staffs review of the seven TBDs for which the NRC has requested 50 specific references. Mr. Ziegler also provided DOE's views regarding the NRC's relative risk ranking of the model abstraction categories and four additional areas. He noted that there is agreement in most areas and that DOE staff provided a basis for the few instances in which there are differing views. Mr. Ziegler also discussed the basis for the differences, and the NRC requested continuing discussions on this topic. Mr. Virgilio indicated that the NRC staff will be focusing more on DOE's Total System Performance Assessment model.

Mr. Ziegler indicated that DOE will identify the data inputs for the safety analyses that are used in the LA required to be qualified and are indicated as "to be verified" (or TBV) at the time of LA submittal. He also confirmed that the data to be used in the LA must be of a high quality for its intended use.

Mr. Virgilio asked if DOE's LA schedule is flexible enough to allow time to incorporate the NRC's review results. Mr. Ziegler replied 'yes, depending on the specific comments received" and any issues in comments received from the NRC after September would be resolved in the license application review process.

Quality Assurance Program Update

Mr. Dennis Brown (DOE) presented an overview of the QA meeting from the previous day and indicated it provided for excellent discussion of both the improvements and remaining weaknesses in the DOE QA program. He indicated the Navarro Quality Services contract had been extended and that additional QA/nuclear licensing expertise had been added with the hiring of Warren Dorman, who recently retired from Progress Energy.

He discussed the current status of the CAP and stated that improvements in this area include implementation of a new single CAP, increased management oversight through the CAP Oversight Committee as well as monitoring the effectiveness of the CAP. For example, the line organizations are currently performing assessments of the CAP to identify program constraints and areas where there may be difficulty in meeting their goals or requirements. He indicated that a full scale audit of the CAP is currently scheduled to be performed in July 2004.

He stated that although there are no adverse trends found per criteria in procedure AP-16.3Q, Trend Evaluation and Reporting, in the area of human performance, BSC did find a pattern of errors. Specifically, 90 percent of CRs from Fiscal Year 2003 are related to human performance (40 percent), management (26 percent), and communications (24 percent). He stated that root cause of human performance issues were primarily skill-based. He also noted that rule-based and knowledge-based causes were due to less-than-adequate self-checking and omitting steps in the procedures. He added that skill-based errors are caused primarily by the amount of time it takes to complete a product according to procedural controls.

Mr. Brown added that CAR BSC-01-C-002 (CR-102), which addresses ineffective implementation of software management requirements, is an area of improvement. He stated that CR-102 corrective actions include procedure revisions/development (which include templates to ensure QARD requirements are met), training and implementation of requirements emphasis, and management improvement activities. There are two corrective actions remaining. He described the results of the OQA sponsored evaluation of software deficiency resolutions conducted by industry experts. He also reported that to date no adverse impact on code functionality or technical products has been noted.

Mr. Brown also discussed CAR BSC-03-C-107 (CR-016) regarding data management and qualification. This CAR was issued by BSC because of recurring data deficiencies. He added that, as a corrective action, BSC evaluates each technical product for procedure compliance. He further explained that the evaluation is being performed in two Phases. In Phase I, review for product compliance is completed during checking and review of AMRs, and in Phase II, reviews cover legacy data issues and are completed on approved AMRs.

Mr. Brown said that BSC issued CAR BSC-01-C-001 (CR-099) in May of 2001 and that the corrective actions included changes to address model validation issues identified in technical products, procedure enhancements, and training. BSC completed corrective actions and requested OQA verification in August 2003. OQA performed an audit of Model Reports in October 2003. OQA also verified that BSC completed 11 of the 12 CR-099 corrective actions. During the verification OQA found that six of the 20 sampled Model Reports were unsatisfactory. As a result, OQA concluded that CR-099 could not be closed.

Mr. Brown indicated that Dr. Chu and Jesse Roberson of EM had signed a new Memorandum of Agreement and an audit schedule for EM has been developed and shared with the NRC.

He explained that DOE is developing a transition plan to transfer CAP responsibility to the line that will include determining corrective action effectiveness. He also noted that DOE will ensure the transition is well managed and appropriate controls will remain in effect. In addition, this transition will be reflected in an upcoming revision to the Quality Assurance Requirement Description (QARD), which DOE expects to submit to the NRC for review and acceptance in the March time frame.

In conclusion of his presentation, Mr. Brown noted improvements in Trending Program. He stated that based on the results and findings from the fourth Quarter FY 2003 Trend Evaluation Report, DOE was able to; (1) identify the processes that are experiencing the most errors in implementation, (2) identify why those processes have errors, and (3) take focused corrective actions based on the errors' likely causes.

Closing Remarks

In concluding the meeting, Mr. Virgilio noted the forthcoming reorganization of the NRC's Division of Waste Management into two divisions. He stated that Mr. C. William (Bill) Reamer will become the Director of a newly created High-Level Waste Repository Safety Division, which will focus on the Yucca Mountain Project. In addition, Mr. Virgilio announced that, beginning March 1, 2004, Ms. Schlueter will serve in the NRC Chairman's Office. The next NRC/DOE Quarterly QA and Management meeting is planned for May 11–12,2004, in Las Vegas, Nevada.

Public Comments

After the closing remarks, Mr. Von Tiesenhausen of Clark County stated that the Project's efforts to benchmark performance against the nuclear industry were commendable. However, he took exception to the NEI representative's general statement, from the previous day, that writing large number of deficiency reports suggests a healthy organization. Mr. Von Tiesenhausen emphasized that an effective corrective action program, which appropriately addresses repetitive conditions, should result in a decreasing number of deficiency reports. He further stated that an effectively implemented trend reporting system could be beneficial, but it should be appropriately weighted to account for the time that items remain open.

Date: 3/31/04

C. William Reamer, Deputy Director
Division of Waste Management
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission

Date: 3/26/04

Joseph D. Ziegler, Director
Office of License Application and Strategy
Office of Repository Development
U.S. Department of Energy

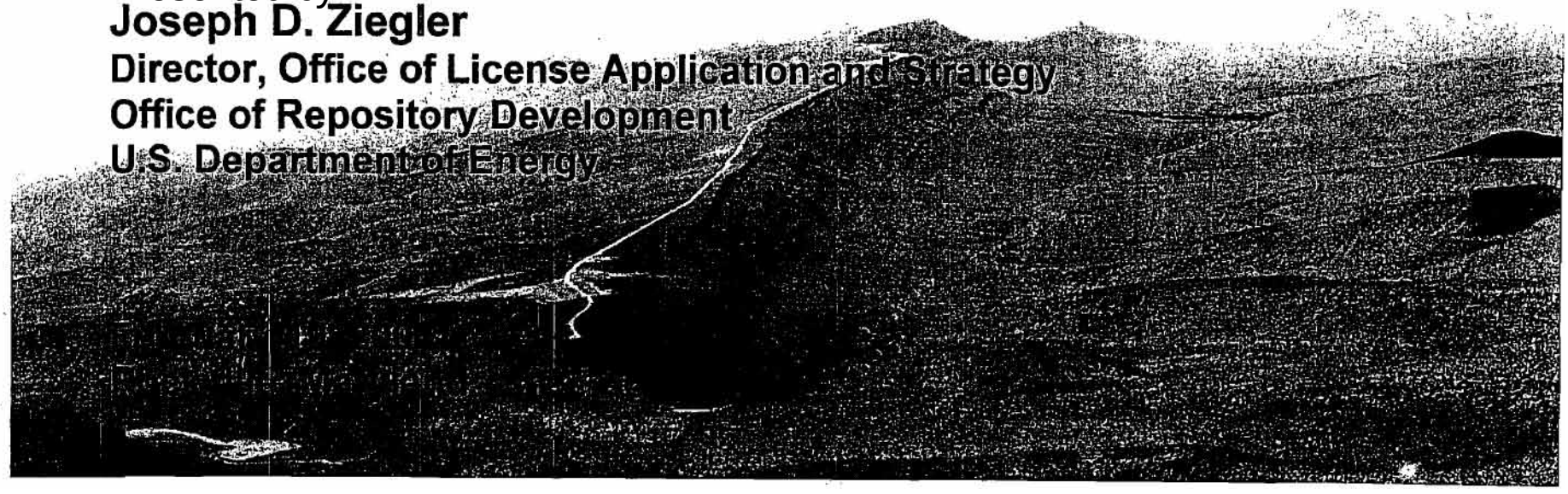
U.S. Department of Energy
Office of Civilian Radioactive Waste Management

YUCCA MOUNTAIN PROJECT

License Application Status

Presented to:
DOE/NRC Quarterly Management Meeting

Presented by:
Joseph D. Ziegler
Director, Office of License Application and Strategy
Office of Repository Development
U.S. Department of Energy



Topics for Discussion

- License Application (LA) Schedule Status
- DOE Comments on NRC Risk-Ranking of Key Technical Issue Agreements
- LA Content and Level of Design Detail
- Key Technical Issue (KTI) Agreement Status
  - Handling of References
- Summary

License Application Status

- Work on the Safety Analysis Report is proceeding on a schedule to support submittal of the complete LA in December 2004
- Design work is proceeding on a schedule to support completion of the safety analysis in Summer 2004
- A more focused revision of the Performance Confirmation Plan is under development

YUCCA MOUNTAIN PROJECT

Management Assessment of Progress Towards License Application

COMPONENT	% COMPLETE (11/03)	%COMPLETE (01/04)
• KTI Agreement Addressed	42%	70% *
• LA Document	7%	14%
• Preclosure Safety Assessment	51%	45% **
• TSPA-LA	63%	76%
• Design	40%	56%
• TOTAL WEIGHTED % COMPLETE	42%	54%

- 100% of KTI Agreements will be addressed prior to submission of the LA

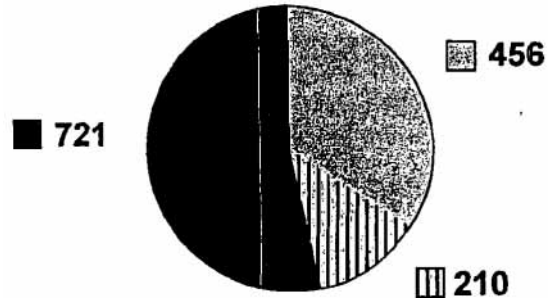
* Formula revised to reflect status as % of 293 agreements with complete DOE submittals

** Decline due to increased work scope since 11/03 reporting

YUCCA MOUNTAIN PROJECT

Status of License Application Data, Codes, and Models

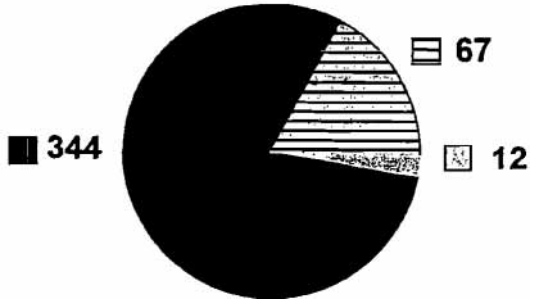
Data (Estimate)



Total Datasets: 1,387
Qualified: 721 (52%)
Being Verified: 456 (33%)
Being Developed: 210 (15%)*

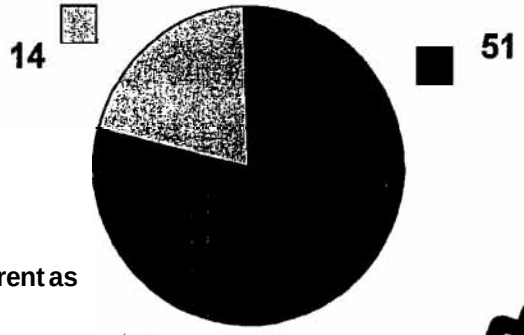
*Estimated number of additional datasets that will be developed as models approach completion

Codes (Estimate)



Total Codes: 423
Qualified & Verified: 67 (16%)
Qualified (Legacylre-testing): 344 (81%)
Developinglverifying: 12 (3%)

Models



Total Model Reports Directly Supporting LA: 65
Model Reports Completed: 51 (78%)
In Process: 14 (22%)

[1]Status of qualification activities for LA and completion of reports (current as of 12131103)
[2]Model Reports may contain multiple models

YUCCA MOUNTAIN PROJECT

DOE Exhibit 4

DOE Exhibit 4

BSC CORRESPONDENCE LOG #0621042030

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MOL.20040712.0109

QA: N/A

June 16, 2004

RECEIVED BY BSC CCU
DATE: 06/21/2004

Mr. Joseph Ziegler, Director
Office of License Application and Strategy
Office of Repository Development
U.S. Department of Energy
1551 Hillshire Drive
Las Vegas, NV 89134-6321

SUBJECT: MEETING SUMMARY FOR THE MAY 11,2004, U.S. NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF ENERGY QUARTERLY MANAGEMENT MEETING

Dear Mr. Ziegler:

Enclosed is the summary of the May 11,2004, Quarterly Management Meeting between the U.S. Nuclear Regulatory Commission (NRC) and the U.S. Department of Energy (DOE). The purpose of the meeting was to discuss the status of various management and programmatic issues concerning Yucca Mountain, Nevada.

The meeting was held at the Bechtel SAIC offices in Las Vegas, Nevada, with video and audio connections with NRC offices in Rockville, Maryland, and the Center for Nuclear Waste Regulatory Analyses in San Antonio, Texas.

If you have any questions regarding the enclosed meeting summary, please contact Omid Tabatabai at (301) 415-6616.

Sincerely,

C. William Reamer, Director
Division of High Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

Enclosures:
1. Management Meeting Summary
2. Consolidated Action Items
3. Agenda
4. Presentations
5. List of Attendees

cc: See attached list

Letter to J. Ziegler from C.W. Reamer, dated: June 16. 2004

cc:

A. Kalt, Churchill County, NV
R. Massey, Churchill/Lander County, NV
I. Navis, Clark County, NV
E. von Tiesenhausen, Clark County, NV
G. McCorkell, Esmeralda County, NV
L. Fiorenzi, Eureka County, NV
A. Johnson, Eureka County, NV
A. Remus, Inyo County, CA
M. Yarbro, Lander County, NV
S. Hafen, Lincoln County, NV
M. Baughman, Lincoln County, NV
L. Mathias, Mineral County, NV
L. Bradshaw, Nye County, NV
M. Maher, Nye County, NV
D. Hammermeister, Nye County, NV
M. Simon, White Pine County, NV
J. Ray, NV Congressional Delegation
B. J. Gerber, NV Congressional Delegation
F. Roberson, NV Congressional Delegation
T. Story, NV Congressional Delegation
R. Herbert, NV Congressional Delegation
L. Hunsaker, NV Congressional Delegation
S. Joya, NV Congressional Delegation
K. Kirkeby, NV Congressional Delegation
R. Loux, State of NV
S. Frishman, State of NV
S. Lynch, State of NV
P. Guinan, Legislative Counsel Bureau
J. Pegues, City of Las Vegas, NV
M. Murphy, Nye County, NV
A. Elzeftawy, Las Vegas Paiute Tribe
J. Treichel, Nuclear Waste Task Force
W. Briggs, Ross, Dixon & Bell
M. Chu, DOE/Washington, D.C.
G. Runkle, DOE/Washington, D.C.
C. Einberg, DOE/Washington, D.C.
S. Gomberg, DOE/Washington, D.C.
W. J. Arthur, III , DOE/ORD
R. Dyer, DOUORD
J. Ziegler, DOE/ORD
A. Gil, DOE/ORD
W. Boyle, DOE/ORD
D. Brown, DOE/OCRWM
S. Mellington, DOE/ORD
C. Hanlon, DOUORD
T. Gunter, DOE/ORD
A. Benson, DOE/ORD
N. Hunemuller, DOUORD
M. Mason, BSC
S. Cereghino, BSC
N. Williams, BSC
E. Mueller, BSC
J. Mitchell, BSC
D. Beckman, BSC/B&A
M. Voegele, BSC/SAID
B. Helmer, Timbisha Shoshone Tribe
R. Boland, Timbisha Shoshone Tribe
R. Arnold, Pahrump Paiute Tribe
J. Birchim, Yomba Shoshone Tribe
R. Holden, NCAE

cc: (Continued)

R. Clark, EPA

R. Anderson, NEI

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S. Kraft, NEI

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D. Duncan, USGS

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H. Jackson, Public Citizen

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S. Devlin

G. Hudlow

D. Irwin, Hunton & Williams

SUMMARY OF THE
U.S. NUCLEAR REGULATORY COMMISSION I U.S. DEPARTMENT OF ENERGY
QUARTERLY MANAGEMENT MEETING
IN LAS VEGAS, NEVADA
MAY 11,2004

Introduction

The U.S. Nuclear Regulatory Commission (NRC) and U.S. Department of Energy (DOE) held a public Quarterly Management Meeting for the Yucca Mountain Project (YMP) on May 11, 2004. The purpose of this meeting was to discuss the overall progress of the project at the proposed geologic repository site at Yucca Mountain, Nevada. The meeting was hosted at the Bechtel SAIC Company, LLC (BSC) offices in Las Vegas, Nevada, with video and audio connections to NRC headquarters in Rockville, Maryland, and the Center for Nuclear Waste Regulatory Analyses (CNWRA) in San Antonio, Texas. Other participants included representatives from the Nuclear Energy Institute, NRC Region IV, General Accounting Office (GAO), State of Nevada, Nevada Nuclear Waste Task Force, Clark County, the press, and interested members of the public.

NRC Program Update

Ms. Margaret Federline, Deputy Director, Office of Nuclear Materials Safety and Safeguards, NRC, began her remarks by discussing recent changes in NRC senior management as well as reorganization of the Division of Waste Management and the creation of the Division of High Level Waste Repository Safety (DHLWRS). She mentioned that Mr. Bill Reamer will serve as Division Director with Messrs. Elmo Collins and Lawrence Kokajko serving as Deputy Directors of this Division. She added that the DHLWRS will be the NRC's central point for receipt and review of DOE's license application. After discussing recent organizational changes in NRC, she briefly discussed three topics: (1) NRC's evaluation of DOE technical documents, specifically, analysis and model reports (AMRs); (2) NRC staff's activities regarding the risk insight initiative; and (3) a recently issued Staff Requirement Memorandum (SRM) by the Commission regarding the Package Performance Study.

Ms. Federline explained that the staff used its risk-insights baseline to select the AMRs believed to be of high or medium significance to repository performance. The NRC's three-part evaluation of DOE technical documents also included evaluation of the processes used in developing and controlling AMRs, and the effectiveness of recent corrective actions in eliminating recurring problems in the areas of models, software, and data. The NRC staff reported its findings in a public report, published in April 2004, and discussed them with DOE in detail in a public technical exchange on May 5, 2004. The NRC's evaluation of the DOE AMRs revealed some good practices by DOE; however, the staff identified some concerns with clarity, traceability, and transparency of the data used in the AMRs. The NRC staff report concluded that if the concerns with the quality of data persist, they could have an adverse impact on the NRC's ability to perform their review of the License Application (LA) and writing of a safety evaluation report (SER) within 18 months.

Regarding NRC staff's initiative to use risk information to prepare for the LA review, Ms. Federline remarked that the risk insights initiative will help the staff prioritize prelicensing activities and to make decisions relative to the inspection process. She added that the staff has made two presentations on this topic to the ACNW and is planning to update, and risk-inform the Integrated Issue Resolution Status Report in September.

In conclusion, Ms. Federline indicated that the Commission has informed the staff that it has approved testing of a full-scale transportation cask. In its SRM, the Commission has instructed the staff to conduct the tests realistically and conservatively, including a fully engulfing fire.

Mr. Bill Reamer, Director of the DHLWRS, NRC, discussed the status of Key Technical Issue (KTI) agreements. He indicated that DOE has submitted responses to **214** of 293 agreements. The NRC staff has reviewed and closed 99 KTI agreements and currently has 115 KTI responses in process. Mr. Reamer urged DOE to submit responses to the remaining 79 KTI agreements that DOE has not yet provided, and additional information on **40** others, as soon as possible. He also expressed concern about agreement responses that are planned to be submitted later than what had originally been indicated by DOE in its previous schedules.

Mr. Reamer provided a brief status of the NRC On-Site Representatives' annual open house, which was held in Pahrump, Nevada, on May **10, 2004.** He explained that the purpose of this gathering was to offer the community an opportunity to meet with NRC personnel and ask questions regarding NRC's role during the LA review. He indicated that the open house was well received by the local citizens and mentioned that approximately **40** members of the public attended the meeting.

DOE Proaram Update

Dr. Margaret Chu, Director of DOE's Office of Civilian Radioactive Waste Management, began her remarks by providing an update from the DOE Program perspective. Specifically, she discussed recent DOE activities that included retaining the Hunton and Williams law firm as the legal services contractor as well as organization realignment at the Office of Repository Development (ORD) implemented by Mr. John Arthur. Dr. Chu stated that recent NRC management realignment, mentioned earlier by Ms. Federline, along with DOE organization realignment, were signs that the project is closer to licensing proceedings. She also commented on NRC staffs evaluation of DOE's technical documents, the Corrective Action Program (CAP), and certain process controls. Dr. Chu agreed with NRC staff's findings that the DOE LA's key supporting information and documents, including data, models, and software, need improvements for transparency, traceability, and consistency of the technical bases. Dr. Chu noted that DOE has responded to the General Accounting Office (GAO) Report concerning the DOE QA program and that it disagrees with GAO report conclusions.

She indicated DOE has transitioned the management improvement initiative (MII) goals to the ORD's line management day-to-day activities. Dr. Chu cited closure of corrective action reports (CARs) on software and data management as examples of improvements. Dr. Chu provided a summary of the status of populating the Licensing Support Network (LSN), transportation developments, and cask acquisition. She added that DOE has published a Notice of Intent to develop an environmental impact statement (EIS) on rail alignment in the Caliente corridor and

to provide the schedule for EIS scoping meetings. DOE began making documents available to the NRC on May 5 for indexing prior to initial certification, which is expected to occur June 23, 2004. The DOE has begun cask design comparisons and is evaluating existing designs against future needs to ensure the safe transport of high level waste.

Dr. Chu concluded by stating that DOE can meet the challenges ahead and will develop an application that meets the NRC's expectations for quality.

Mr. Reamer commented that the NRC agrees with the GAO report conclusion that DOE should continue to focus on quality; however, it is up to DOE to determine how this will be done. He inquired as to whether QA oversight would continue once the CAP has transitioned to the line organization. Denny Brown, DOE-OQA, responded that QA oversight would include audits and Surveillences and QA will screen the Level C Condition Reports (CRs) during the transition period. OQA will continue to review Level A and B CRs after the transition period.

Yucca Mountain Proiect Update

Messrs. John Arthur and John Mitchell provided an update of the Yucca Mountain Project (YMP). Mr. Arthur indicated the purpose of the meeting was to summarize DOE's continuing improvements and accomplishments since the February 19, 2004, Management Meeting, and to discuss DOE's path forward to make the appropriate LSN certification and submit the LA. Mr. Arthur began by expanding on the DOE organization realignment presented earlier by Dr. Chu and indicated the importance of stabilizing the organization.

Mr. Arthur displayed the revised ORD reorganization that became effective on April 1, 2004. He highlighted the new roles of Mr. Richard Craun and Mr. Richard Spence and also mentioned that Mr. Mark Van Der Puy is now serving as the full-time ORD Safety Conscious Work Environment (SCWE) Coordinator and Mr. Ken Powers is the acting Director, Office of Business Support in addition to his other duties. DOE has selected Ms. Julie Goeckner, from DOE Richland, for the Employee Concerns Program Manager. Mr. Arthur indicated that Ms. Goeckner brings extensive experience in employee concerns management and will start in early July.

Mr. Arthur added that since the last Management Meeting in February, several major CRs have been closed, including, CR-16 (BSC(B)-03-C-107), on Data Management, on March 2 after 322 days, and CR-102 (CAR BSC-01-C-002), on Software, on March 30 after 1.033 days.

He also described DOE's plans for closing other level " A CRs, such as, CR-99 (CAR-01-C-001), which is scheduled to be closed in July/August. He discussed progress in fostering a Safety Conscious Work Environment through continued management attention. Some of the recent actions he cited included:

- A memorandum signed by Dr. Chu on April 8, re-emphasizing to all employees the importance of safety conscious work environment,

- An ORD SCWE Policy, issued on April 26, to all ORD employees, contractor and sub-contractor employees to describe management expectations and responsibilities for an

SCWE. The key point of this policy is that safety is the overriding principle and that it guides ORD's activities,

- Completion of training for managers and supervisors in detecting and preventing retaliation and formation of eight solution-groups, and a pulse survey, emphasizing "Effective Methods to Detect and Prevent Retaliation."

Mr. Arthur indicated that the next step includes additional emphasis on line ownership of SCWE, a second program-wide survey to be conducted this fall, and heightened performance goals.

Mr. Arthur then covered the status of the DOE commitments listed in its 30-day letter to NRC. He indicated that DOE has closed 2 more of the 13 actions in its letter. Mr. Arthur stated the Disposal Decision Plan will soon be ready for external release and stated he expected to discuss it along with the construction schedule and surface design with NRC at a Technical Exchange in July.

Mr. Arthur stated that DOE's corrective action program is improving the ability of, and tools available to, the line organizations to perform trending analyses. He added that DOE has developed a Trend Analysis and Reporting Handbook that contains guidance on how to conduct trending analyses. The current trend is that over 50% of the condition reports are associated with four procedures regarding model development, scientific analysis, procedure development, and records management. The principal causal factors have been identified to be human performance and management. To improve human performance, he added that DOE is (1) sharing the lessons-learned with workers, (2) conducting pre-job briefings to underscore the importance of the work, and its linkage to the project mission, (3) providing enhanced training to ensure identified error patterns are addressed in training, and (4) simplifying and clarifying procedures in some cases for end-users. Mr. Arthur then mentioned several examples of improved performance in capturing Quality Assurance Requirements and Description (QARD) requirements in implementing documents, adequacy of the processes in QA procedures, completion time for Corrective Action Plans, and close-out rate for CRs.

Mr. Arthur briefly addressed the management assessment of LA progress since the last Management Meeting (68% complete through April). The estimated total page count for LA is 5,000+ pages. Mr. Arthur will be the DOE's authorized representative to sign the LA and submit it to NRC in accordance with Part 63 of Title 10 of Code of Federal Regulations (CFR).

Regarding the surface facilities design, Mr. Arthur indicated that stabilizing the design and inputs to the draft LA includes surface design re-configuration, and development of initial operating plans. These efforts will reply on extensive process experience from international facilities. An exhibit showed the planned surface facilities as well as recent additions and changes.

Mr. Arthur indicated one of the primary goals of the Regulatory Integration Team (RIT) is to centralize integration and production of the AMRs that will support the Total System Performance Assessment (TSPA) and the LA. He stated that 5 organizations were performing work for DOE in 5 different locations using 10 TSPA component models, and 104 AMRs. The RIT brings together 9 teams with support from Quality Engineering. Project Control, and

Operations under one project manager to evaluate and subsequently refine the AMRs that support TSPA-LA and the LA to improve integration, consistency, transparency, and traceability.

Mr. Arthur discussed the RIT's primary tasks and also indicated that the RIT is implementing the corrective actions for those CRs that have been initiated in conjunction with the NRC staff technical evaluation. Mr. Arthur stated that those concerns identified by the NRC had already been documented and entered into the improved single point-of-entry CAP.

Mr. John Mitchell, BSC General Manager, said that there would be a comparison of AMRs to LA sections and a testing of the data presented since many people will use it. He said the RIT will exist for about six months and then ongoing functions will transition to the long-term organization. He described the RIT as a single focused integration effort.

Ms. Federline asked how TSPA was integrated into the process to determine the robustness of key areas. Mr. Mitchell responded that individuals involved in the RIT come from organizations previously involved with TSPA. Ms. Federline questioned whether some of the RIT processes were on the LA preparation critical path. Mr. Ziegler responded that a portion of the RIT was on the critical path.

The NRC raised a question regarding the various deliverable dates, specifically, how complete the draft LA will be by July 2004, when some of the building blocks are going to be completed after the draft document is delivered. Mr. Mitchell responded that DOE (RIT) has a list of what has to be completed soon to facilitate a timely submittal of the LA. In addition, a large manpower effort supports the activities necessary to meet the deliverable dates. Additionally, the July deliverable is a draft LA and will be complete enough to allow the LA review process by DOE management to begin. The NRC also remarked that it was unclear as to how the LA preparation efforts are being integrated to meet the schedule. The DOE responded that it is watching the LA schedule carefully to make sure the right level of quality is factored into schedule and deliverables. Dr. Chu remarked that making real-time decisions is a critical part of the whole process. Mr. Mitchell commented that the Program has been gathering information for a number of months to support the LSN requirements. Mr. Ziegler commented that the Project is gathering momentum, the CAP program is an asset, and key steps are coming to fruition.

Regarding the integration of information, the NRC asked whether DOE would put supporting documents and information into the LA. Mr. Ziegler responded that this was discussed at the Level of Design Detail Technical Exchange held earlier and that DOE had responded that the LA will be a stand-alone document. He added that the support information (not included in the LA) would be available for NRC review separately.

Mr. Arthur briefly discussed the trending performed by the Project. He indicated that there was an improvement in performance related to human performance and that tools such as lessons learned and management briefings were utilized in improving performance. The NRC staff questioned DOE concerning the difference between the trending exhibits and those concerning trend patterns of human performance. The DOE responded that the difference involved the levels of implementation and was not about the adequacy of procedures or processes.

The NRC asked DOE whether or not real-time surveillance will be conducted and whether the RIT process was a quality-affecting process. DOE responded that the current phase of the RIT process is not a quality-affecting process but that parts of the RIT process will involve quality-affecting activities and will be governed by applicable procedural controls (such as resolution to technical issues and revisions of AMRs). Mr. Dennis Brown (DOE) also indicated that the two QA organizations are involved in the RIT process by providing daily oversight activities through Quality Engineers who identify potential QA issues.

In conclusion of this portion of the meeting, DOE noted the May 3, 2004 meeting on Performance Indicators (PIs) provided additional insights to the NRC staff on the development of the management tool DOE is using to determine areas requiring additional management attention. DOE also noted that the metrics would evolve to reflect changes in the Program.

LA Status

Mr. Joseph Ziegler, Director, Office of License Application and Strategy, reported progress in DOE's preparation of the LA as well as in the technical areas of data qualification, software verification, and model validation. Mr. Ziegler provided a comparison of percentage completion for actions related to the LA from January 2004 to April 2004. The comparison also provided discussion of recent progress in LA preparation through April 2004. For instance, the reported April 2004 TSPA percentage complete appeared low, but that was due to the RIT review effort and DOE expects to be back on schedule soon. Similarly, Mr. Ziegler provided a comparison of the reported progress for data-set qualification, software qualification, and model development since the last NRC/DOE Management Meeting. Mr. Ziegler indicated that DOE was able to reduce the total number of required data-sets and software reported for this management meeting through an evaluation of the data-sets and software that are actually supporting the LA safety analysis.

Mr. Ziegler then provided a discussion of LA content and level of detail, and addressed the status of the KTI Agreements. Mr. Ziegler reaffirmed that all KTI Agreements will be addressed prior to LA submittal. The LA's level of detail will be that which is necessary and sufficient to support a risk-informed review of preclosure safety and postclosure performance by the NRC and the determinations required for granting the construction authorization. Mr. Ziegler also stated that DOE is acting more like a "typical" NRC licensee as demonstrated by its supporting the NRC's 3-week technical evaluation of AMRs and the CAP.

Mr. Ziegler provided a comparison of the November 2003 and April 2004 schedule for KTI Agreement response submittals to the NRC. He also provided the NRC risk ranking of the remaining KTI Agreement response submittals from the April 2004 schedule broken down by month. A summary of the KTI Agreements status was also provided, categorized by KTI issue.

Finally, Mr. Ziegler provided an overview of recent and near-term project interactions with the NRC. He included subjects of future interactions that need to be scheduled with the NRC.

NRC staff made the following comments to DOE:

- Reminded DOE that the LA needs to be complete and of high quality;

- Staff would like to see how the RIT will address staffs quality concerns identified during its 3-week technical evaluation of DOE AMRs and the CAP;

- Self-assessment of management processes by DOE is a good practice;

- Continue to put emphasis on decision-schedule; and

- The NRC will provide an update to DOE regarding the Joint NRC/DOE Classification Guideline.

NRC staff asked whether information not relied on in the LA, such as unqualified data-sets, software or models would be available. Mr. Ziegler responded that data-sets, software and models not qualified and therefore not used in the LA, will be in the LSN.

The NRC staff expressed concern with the available time for NRC review of KTI Agreements to be submitted this summer, prior to LA submittal. Mr. Ziegler explained that such KTI Agreement responses by DOE would be stand-alone responses. The NRC staff also indicated that DOE would not have enough time to respond to any questions by NRC after its initial reviews. Mr. Ziegler suggested that resolution of KTI Agreements not closed before August 2004 could be carried over into the licensing process. NRC staff stated they will not agree at this time to reviewing KTI Agreements as part of LA review. NRC staff asked the rationale for selecting topical areas for future DOE/NRC interactions. Mr. Ziegler indicated that the future interactions, in several cases, were requested by NRC to keep the NRC staff updated with the latest project information, and the others were to clarify or resolve prelicensing issues.

Quality Assurance Proaram Update

Mr. Dennis Brown (DOE) presented an overview of the quarterly QA meeting from May 4 and indicated the meeting was very productive. The meeting included discussion of on-going issues, improvements in the CAP, and CR-16 (CAR BSC-03-C-107) and CR-102 (CAR BSC-01-C-002) closures.

Mr. Brown discussed improvements in the CAP which resulted primarily from increased management involvement, implementation of a CAP oversight committee, and implementation of a senior management review committee for complex CRs. Mr. Brown noted that trending of human performance issues has shown a positive trend.

Mr. Brown reported the status of the recent and planned QARD revisions. Revision 14 was an internal revision to reflect the new organization and became effective April 1, 2004. Revision 15 to the QARD is currently under NRC review. He noted that one item of interest in Revision 15 is that QA will no longer review Level "C" CRs. Revision 0 of the new QA requirements document that will form the QA basis for repository licensing is under development with an expected submittal date to the NRC by late June. This revision will be in conformance to 10 CFR 63, Appendix G.

Mr. Brown also provided an update regarding QA activities including; legacy software retesting, model validation, a new time-out policy for AMRs' quality reviews, and schedule of future joint Office of Quality Assurance (OQA)/DOE Environmental Management (EM) audits.

Mr. ,Fred Brown (NRC) agreed that last week's quarterly QA meeting was very productive.

NRC staff asked Mr. Brown (DOE) what QA audits were scheduled in the near future. Mr. Brown responded that joint OQA/EM audits of activities related to the YMP were planned for the West Valley Demonstration Project (in May), the Idaho National Engineering and Environmental Laboratory (in June) along with other DOE sites later in the year.

NRC staff acknowledged that the increased level of management attention to CR corrective actions has had a positive effect. NRC staff also acknowledged closure of CR-102 (CAR BSC-01 C-002) and CR-016 (CAR BSC-03-C-107) and that NRC is interested in CR-99 (CAR BSC-01-C-001) closure actions and actions to prevent recurrence.

NRC staff inquired about the balance between performance-based and compliance-based audits. Mr. Brown (DOE) responded that technical staff is utilized for performance-based audits. Mr. Arthur added that the YMP leadership council also provides their input concerning the balance of different audit types.

Mr. Brown (DOE) noted that human performance was now a primary indicator on the panel. NRC staff questioned the color (white) of the past month's human performance indicator on the annunciator panel. Mr. Brown (DOE) responded by stating the color was based on the fact that the human performance indicator was a new metric on the annunciator panel and white for the previous months indicates no data. Mr. Fred Brown (NRC) added that this performance indicator was a good indicator to monitor.

Public Comments

Ms. Judy Treichel, Nevada Nuclear Waste Task Force, requested a copy of the NRC's DHLWRS organizational chart along with contact information. The NRC handed out the requested information at the meeting.

Mr. Steve Frishman, State of Nevada, wanted to know the effort involved with establishing the RIT. The DOE responded that the RIT consisted of approximately 150 individuals for 6 months at a cost of approximately 10 to 11 million dollars. Mr. Frishman also asked what RIT team members would be doing if they weren't involved on the RIT. DOE responded that they would be performing similar activities as part of their regular duties.

Mr. Arthur noted that there were significant improvements toward providing quality AMRs. Mr. Frishman indicated that there is a requirement that KTI Agreements must be completed before NRC review of the LA. Mr. Ziegler (DOE) took exception to the comment and responded that, as DOE has committed, KTI Agreements will be addressed before LA submittal.

Ms. Treichei indicated that the on-going scoping meetings on the railroad corridor need to be more formal; that the NRC should not start the 90-day review clock for LA acceptance until after January 1, 2005, due to the year-end holidays and that selected members of the public should have been allowed to observe the NRC 3-week technical evaluation of AMRs and the CAP. Ms. Treichel cited a November 2003 meeting in which Mr. Martin Virgilio (NRC) stated that an NRC policy toward public observation of NRC technical evaluations was being developed.

Lastly, Ms. Treichel questioned why the QARD revision level is being brought back to zero rather than calling it Revision 16.

Mr. Bill Reamer (NRC) responded to Ms. Treichel's statement concerning public observation of NRC technical evaluations by stating that the NRC has no plans to change the method by which technical evaluations are performed and that NRC has no plans to conduct additional technical evaluations of DOE's AMRs.

Closing Remarks

The NRC had no closing remarks.

Mr. Arthur (DOE) concluded by thanking all for attending this meeting. The next Management Meeting will be held in Rockville, Maryland, in August. He stated that several technical exchanges are anticipated before August to keep the NRC aware of new and updated information for the project.

Date: 6/16/04

C. William Reamer, Director
Division of High Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission

Date: 6/14/04

Joseph D. Ziegler, Director
Office of License Application and Strategy
Office of Repository Development
U.S. Department of Energy

U.S. Department of Energy
Office of Civilian Radioactive Waste Management

www.ocrwm.doe.gov

License Application Status

Presented to:
DOE/NRC Quarterly Management Meeting

Presented by:
Joseph D. Ziegler
Director, Office of Licensing [illegible] and Strategy
Office of Repository Development

Topics for Discussion

- License Application (LA) Schedule Status
- LA Content and Level of Detail
- Key Technical Issues (KTIs) Agreement Status
- Recent and Near-Term Interactions
- Summary

License Application Schedule Status

COMPONENT	PERCENT COMPLETE JANUARY 2004	PERCENT COMPLETE APRIL 2004
KTI Agreement Addressed*	70%	70%
LA Document	14%	33%
Preclosure Safety Assessment	45%	62%
Total System Performance Assessment (TSPA)-LA	76%	81%
Design	56%	79%
TOTAL WEIGHTED % COMPLETE	54%	68%

100 percent of Key Technical Issue (KTI) Agreements will be addressed prior to submission of the LA

* Status reflected as percent of 293 agreements with DOE submittals (complete + 1/2 credit for partial)

License Application Schedule Status

(Continued)

February 19, 2004 Management Meeting

Total Datasets: 1,387*

- Qualified: 721 (52%)
- Being verified: 456 (33%)
- Being developed: 210 (15%)*

Total Codes: 423*

- Qualified and verified: 67 (16%)
- Qualified: (Legacy/re-testing) 344 (81%)
- Developing/verifying: 12 (3%)

Model Reports Directly Supporting LA: 65

- Model Reports completed: 51 (78%)

*Estimated

May 11, 2004 Management Meeting

Total Datasets: 1,251*

- Qualified: 733 (59%)
- Being verified: 413 (33%)
- Being developed: 105 (8%)*

Total Codes: 427*

- Qualified and verified: 165 (39%)
- Qualified: (Legacy/re-testing) 240 (56%)
- Developing/verifying: 22 (5%)

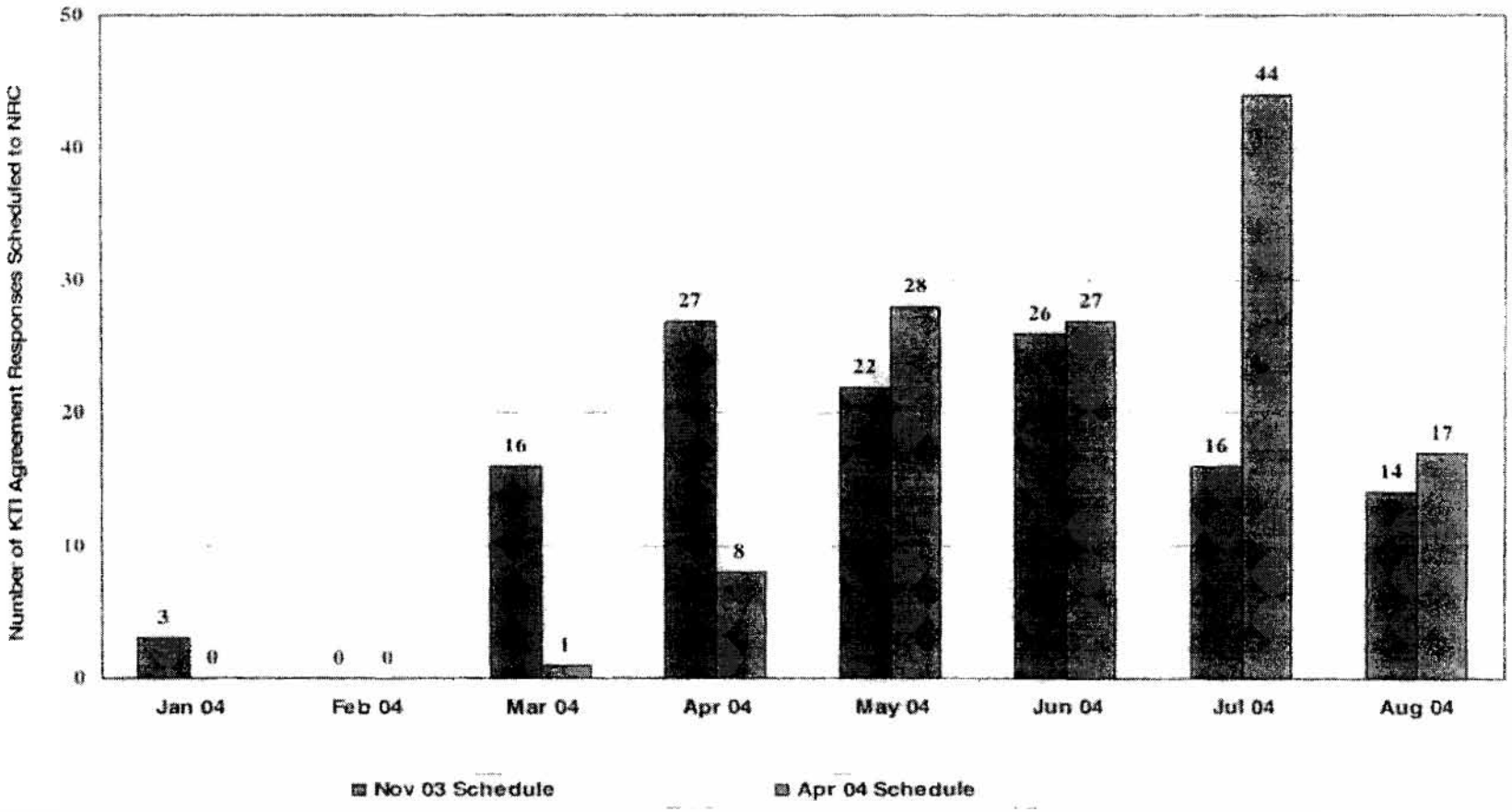
Model Reports Directly Supporting LA: 65

- Model Reports completed: 60 (92%)

License Application Content and Level of Detail

- Level of detail will be that which is necessary and sufficient to support a risk-informed review of preclosure safety and postclosure performance by the NRC and the determinations required for granting the construction authorization
  - The intent is to have the LA as stand-alone as possible and to give specific reference citations when needed
  - The NRC report of April 10, 2004 on the Technical Evaluations confirmed our understanding of the need for transparency and traceability in the LA

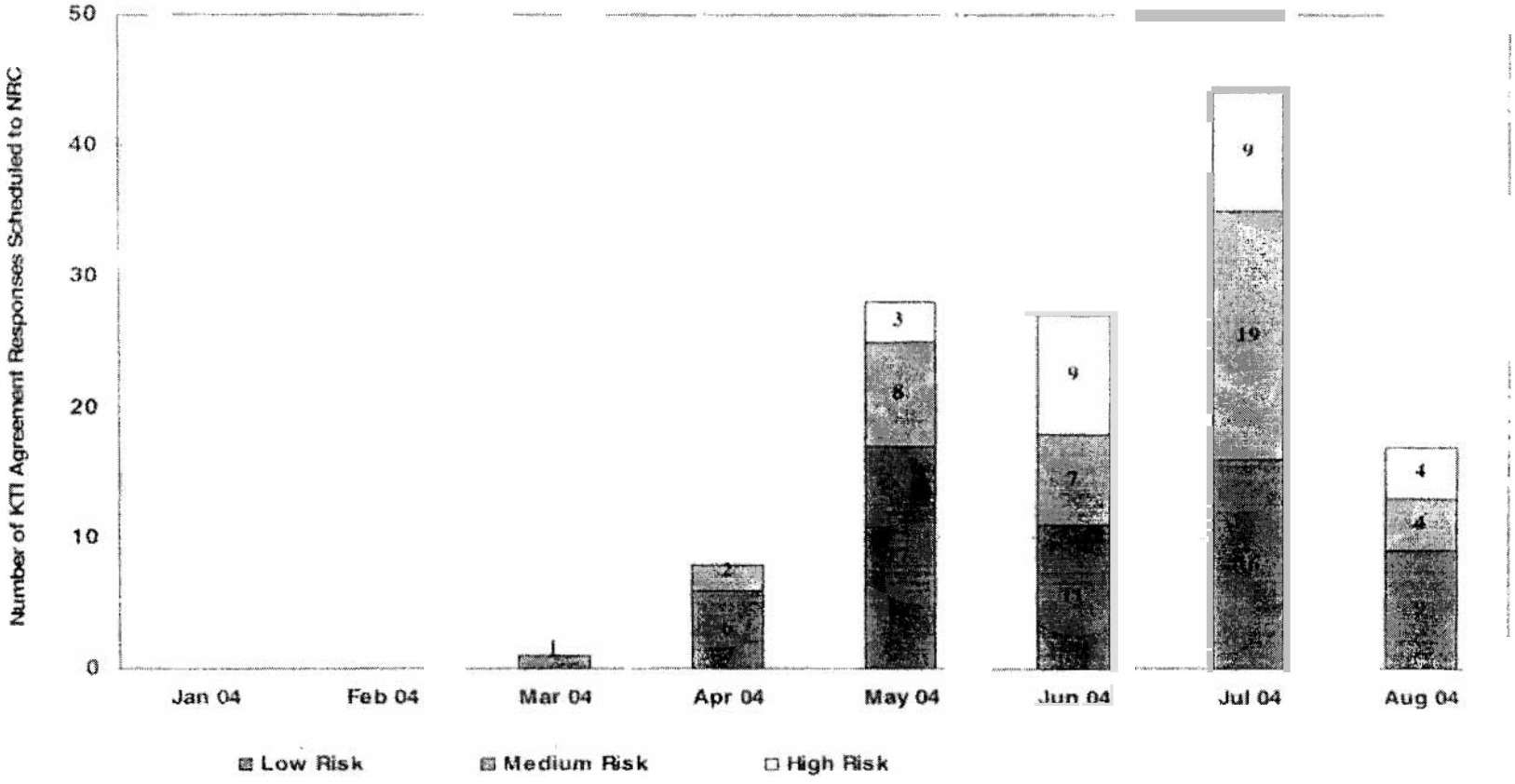
Key Technical Issue Agreements



Key Technical Issue Agreements

(Continued)

KTI Agreements - NRC Risk Ranking Per Month (April 04 Schedule)



Key Technical Issues Agreements Status Summary

Reflects Activity through April 28, 2004

KTI ID	Agreements Reached	Agreements Submitted to NRC	Responses Submitted In NRC Review	Partial Responses Submitted	NRC Needs Additional Information	Responses Remaining to be Submitted	Agreements Complete
CLST	58	41	10	3	8	17	20
ENFE	41	37	18	5	1	4	13
GEN	1	1	0	1	0	0	0
IA	22	20	7	0	0	2	13
PRE	9	6	1	0	3	3	2
RDTME	23	4	2	1	0	19	1
RT	29	22	15	1	0	7	6
SDS	10	10	0	3	2	0	5
TEF	15	13	3	1	2	2	7
TSPAI	58	35	10	2	9	23	14
USFIC	27	25	4	0	3	2	18
Total =	293	214	70	17	28	79	99

Total responses to be submitted to NRC for closure (remaining responses, partial responses, and AIN's) = 124

Recent and Near-Term Interactions

- **May 3: Technical Exchange - Performance Indicators**
- **May 4: Quarterly Quality Assurance Meeting**
- **May 5: Technical Exchange - NRC's Technical Evaluation**
- **May 12: Technical Exchange - Items Important to Safety**
- **To be scheduled:**
  - High-level Decision Plan
  - Criticality
  - Igneous Survey
  - Aircraft Hazards
  - Repository Design and Thermal Mechanical Environment KTI Agreements
  - Preclosure Seismic
  - Preclosure Safety Assessment
  - TSPA-LA

Summary

- On target to submit the LA in December 2004

  NRC Technical Evaluation
- KTI Agreement response schedule is a challenge
  - Analysis and model reports
  - All agreements are scheduled to be addressed by August 2004

DOE Exhibit 5

DOE Exhibit 5

August 2, 2007

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE PRE-LICENSE APPLICATION PRESIDING OFFICER BOARD

In the Matter of	)	**Docket No. PAPO-00**
	)	
U.S. DEPARTMENT OF ENERGY	)	**ASLBP No. 04-829-01-PAP0**
	)	
(High Level Waste Repository:	)	
Pre-Application Matters)	)	

DECLARATION *OF* DIANE QUENELL

My name is Diane Quenell. I make this declaration under oath and under penalty of pejury:

1. I am the Freedom of Information Act (FOIA) officer for the Department of Energy's Office of Civilian Radioactive Waste Management (OCRWM) in Las Vegas, Nevada I have personal knowledge of the facts set forth in this declaration.

2. I checked today the databases in which OCRWM maintains records of its procedures that have been approved, in order to determine if DOE Policy DOE/RW-0535 was ever approved. I also checked with persons who maintain files of approved OCRWM procedures.

3. Neither source had any record that DOEM-0535 was approved.

Diane Quenell

Diane Quenell

DOE Exhibit 6

DOE Exhibit 6

TSPA Final Published Document List

Year	Accession Number	Title
1991	MNA.19920630.0033	TSPA 1991: AN INITIAL TOTAL-SYSTEM PERFORMANCE ASSESSMENT FOR YUCCA MOUNTAIN
1993	MNA.19940406.0158	CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM MANAGEMENT AND OPERATING CONTRACTOR, TOTAL SYSTEM PERFORMANCE ASSESSMENT - 1993: AN EVALUATION OF THE POTENTIAL YUCCA MOUNTAIN REPOSITORY. REVISION 01
1994	NNA.19940112.0123	SANDIA REPORT TOTAL-SYSTEM PERFORMANCE ASSESSMENT FOR YUCCA MOUNTAIN - SNL SECOND ITERATION (TSPA-1993) FINAL DOCUMENT OF EXECUTIVE SUMMARY, FINAL DOCUMENT OF VOLUME 1 AND FINAL DOCUMENT OF VOLUME 2 (C)
1995	MOL.19960724.0188	TOTAL SYSTEM PERFORMANCE ASSESSMENT - 1995: AN EVALUATION OF THE POTENTIAL YUCCA MOUNTAIN REPOSITORY, B00000000-01717-2200-00136 REVISION 01, NOVEMBER 1995 (C)
1998	MOL.19981202.0279	CALCULATION COVER SHEET TOTAL SYSTEM PERFORMANCE ASSESSMENT-VIABILITY ASSESSMENT BASE CASE B00000000-01717-0210-00011, REVISION 01 - THIS HAS BEEN SUPPLEMENTED BY MOL.20000322.0485 (C)
2000	MOL.20001220.0045	TOTAL SYSTEM PERFORMANCE ASSESSMEIVT FOR THE SITE RECOMMENDATION, TDR-WIS-PA-000001, REVISION 00, ICN 01 - APPROVED (C)
2001	MOL.20020304.0032	TOTAL SYSTEM PERFORMANCE ASSESSMENT - ANALYSES FOR DISPOSAL OF COMMERCIAL AND DOE WASTE INVENTORIES AT YUCCA MOUNTAIN - INPUT TO FINAL ENVIRONMENTAL IMPACT STATEMENT AND SITE SUITABILITY EVALUATION, REVISION 00, ICN 02 DECEMBER 2001 (RPR #30418) (C)

DOE Exhibit 7

DOE Exhibit 7

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☐	93%	DOE	TDR-TDIP-ES-000003_REVOOB_Hua_TT_cwh LSN #: DN2002383331 Participant #: ALA.20070511.3748 Document Date: 02/22/2007 TDR-TDIP-ES-000003_REV00B_Hua_TT_cwh . CONTENTS (Continued) Page XXX-XXX-XX-00000x REV 00x 8 Month Year, Total System Performance Assessment (TSPA) Data Input Package for Stress Corrosion Cracking of Waste Package Outer Barrier and Drip Shield	
☐	93%	DOE	TDR-TDIP-ES-000003_REVOOB LSN #: DN2002373306 Participant #: ALA.20070511.3139 Document Date: 02/21/2007 TDR-TDIP-ES-000003–REVOOB . Total System Performance Assessment (TSPA) Data Input Package for Stress Corrosion Cracking of Waste Package Outer Barrier and Drip Shield Materials INTENTIONALLY LEFT BLANK TDR-TDIP-ES-000003 REV OOB viii February 2007 ,	
☐	93%	DOE	TDR-TDIP-NS-000001 REVOOB LSN #: DN2002375709 Participant #: ALA.20070515.7835 Document Date: 03/16/2007 TDR-TDIP-NS-000001 REVOOB . Total System Performance Assessment (TSPA): Data Input Package for Unsaturated Zone Flow Parameters and Weighting Factors (UZ-1) INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000001 REV 00B x March 2007, Total System Performance	
☐	92%	DOE	TDR-TDIP-NS-000005_REVOOB_arnold_032307 LSN #: DN2002363992 Participant #: ALA.20070515.6467 Document Date: 03/23/2007 TDR-TDIP-NS-000005_REV00B_arnold_032307 . Total System Performance Assessment Data Input Package for Site-Scale Saturated Zone Breakthrough Curves TDR-TDIP-NS-000005 REV OOB 11 March 2007 , Total System Performance Assessment Data Input Package for	
☐	92%	DOE	TDR-TDIP-NS-000003_REV00_spk-4-9-07 LSN #: DN2002382424 Participant #: ALA.20070531.0620 Document Date: 04/09/2007 TDR-TDIP-NS-000003_REV00_spk-4-9-07 . Total System Performance Assessment (TSPA) Data Input Package Plan For Unsaturated Zone Radionuclide Transport Parameters Matrix Diffusion and Sorption INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000003 REV00 xii March	
☐	92%	DOE	TDR-TDIP-NF-000005_REV00B LSN #: DN2002368149 Participant #: ALA.20070504.1820 Document Date: 03/23/2007 TDR-TDIP-NF-000005–REVOOB . Total System Performance Assessment Data Input Package for Engineered Barrier System: Physical and Chemical Environment INTENTIONALLY LEFT BLANK TDR-TDIP-NF-000005 REV 00B xii March 2007 , Total System Performance	
7	91%	DOE	TDR-TDIP-NS-000005_REV00C_arnold_040307 LSN #: DN2002380922 Participant #: ALA.20070531.1549 Document Date: 04/03/2007 TDR-TDIP-NS-000005_REV00C_arnold_040307 . Total System Performance Assessment Data Input Package for Site-Scale Saturated Zone Breakthrough Curves INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000005 REV OOC x March 2007 , Total System Performance Assessment	
☐	91%	DOE	TOTAL SYSTEM PERFORMANCE ASSESSMENT (TSPA) DATA INPUT PACKAGE FOR STRESS CORROSION CRACKING OF WASTE PACKAGE OUTER BARRIER AND DRIP SHIELD MATERIALS (C) LSN #: DN2002381580 Participant #: DOC.20070305.0002 Document Date: 02/28/2007 TOTAL SYSTEM PERFORMANCE ASSESSMENT (TSPA) DATA INPUT PACKAGE FOR STRESS CORROSION CRACKING OF WASTE PACKAGE OUTER BARRIER AND DRIP SHIELD MATERIALS (C)	
☐	91%	DOE	TDR-TDIP-DE-000004 REVOOC LSN #: DN2002379693 Participant #: ALA.20070531.1217 Document Date: 04/06/2007	

TDR-TDIP-DE-000004 REVOOC . Total System Performance Assessment Data Input Package for Number of Waste Packages Hit by Igneous Events INTENTIONALLY LEFT BLANK Deleted: B TDR-TDIP-DE-000004 REV OOC xii April 2007 , Total System Performance Assessment

91% DOE TDR-TDIP-NF-000001 REV00A
LSN #: DN2002379622 Participant #: ALA.20070511.4317 Document Date: 02/14/2007
The output of this TDIP provides fundamental inputs for the total system performance assessment for the license application (TSPA-LA).

91% DOE TDR-TDIP-DE-000004 REV00B
LSN #: DN2002376471 Participant #: ALA.20070531.1582 Document Date: 04/04/2007
Technical Work Plan (TWP) (TWP-WIS-MD-000007, Rev 09, ICN 1) to Total System Performance Assessment (TSPA).

91% DOE TDR-TDIP-NF-000005_REVOOC_KBH_CRB
LSN #: DN2002382947 Participant #: ALA.20070530.0569 Document Date: 03/30/2007
TDR-TDIP-NF-000005–REVOOC–KBH–CRB . Total System Performance Assessment Data Input Package for Engineered Barrier System: Physical and Chemical Environment intentionally left blank TDR-TDIP-NF-000005 REV 00c 13 March 2007 , Total System Performance

3 91% DOE TDR-TDIP-NS-000001REV00_Informal2_second_submittal_ieh_ya_vsw
LSN #: DN2002371851 Participant #: ALA.20070517.1631 Document Date: 02/14/2007
TDR-TDIP-NS-000001 REV00_Informal2_second_submittal_jeh_yq_ysw . Total System Performance Assessment (TSPA) Unsaturated Zone Flow Parameters and Weighting Factors (UZ-1) INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000001 REV 00 INFORMAL DRAFT2 x February

7 91% DOE TDR-TDIP-NS-000001 REVOOA
LSN #: DN2002378510 Participant #: ALA.20070511.3042 Document Date: 02/20/2007
TDR-TDIP-NS-000001REVOOA . Total System Performance Assessment (TSPA): Data Input Package for Unsaturated Zone Flow Parameters and Weighting Factors (UZ-1) INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000001 REV OOA xii February 2007 , Total System

7 91% DOE TAD Canister & WP TRD-TDIP-ES-000006 Valerie
LSN #: DN2002368189 Participant #: ALA.20070504.1634 Document Date: 03/26/2007
TAD Canister & WP TRD-TDIP-ES-000006 Valerie . Total System Performance Assessment (TSPA) Data Input Package For Requirements Analysis for TAD Canister and Related Waste Package Overpack Physical Attributes Basis for Performance Assessment

91% DOE TAD Canister & WP TRD-TDIP-ES-000006 edited ms
LSN #: DN2002364901 Participant #: ALA.20070504.1748 Document Date: 03/28/2007
TAD Canister & WP TRD-TDIP-ES-000006 edited ms . Total System Performance Assessment (TSPA) Data Input Package For Requirements Analysis for TAD Canister and Related Waste Package Overpack Physical Attributes Basis for Performance Assessment

91% DOE TDR-TDIP-NS-000001 REVOOA Formatted_second_submittal
LSN #: DN2002366087 Participant #: ALA.20070511.0682 Document Date: 02/01/2007
TDR-TDIP-NS-000001 REVOOA Formatted_second_submittal . Total System Performance Assessment (TSPA) Unsaturated Zone Flow Parameters and Weighting Factors (UZ-1) INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000001 REV OOA x January 2007 , Total System

90% DOE TDIP-CC-1 Rev00Ba Draft (ELH) JBC
LSN #: DN2002349911 Participant #: ALA.20070511.4150 Document Date: 02/26/2007
The work scope of this report involves conducting investigations or analyses of Engineered Barrier System as defined in LS-PRO-0203, Q-List and Classification of Structures, Systems, Components and

Barriers.

7 90% DOE TWP-MGR-PA-000045 REV01 Final
LSN #: DN2002370368 Participant #: ALA.20070504.0229 Document Date: 02/14/2007
All work conducted under this TWP will utilize the versions of procedures effective at the time the work is being performed. Department of Energy (DOE), but primarily for the Total System Performance Assessment for the License Application (TSPA-LA).

90% DOE TWP-MGR-PA-000045 REV00 Final
LSN #: DN2002363102 Participant #: ALB.20070426.0786 Document Date: 01/30/2007
All work conducted under this TWP will utilize the versions of procedures effective at the time the work is being performed. Department of Energy (DOE), but primarily for the Total System Performance Assessment for the License Application (TSPA-LA).

90% DOE TDR-TDIP-PA-000001REV OOA Formatted
LSN #: DN2002370361 Participant #: ALA.20070504.1429 Document Date: 03/23/2007
If included, impact analysis will be performed on the technical product.

90% DOE TDR-TDIP-NS-000003 REVOOA Formatted
LSN #: DN2002377281 Participant #: ALA.20070511.3100 Document Date: 02/15/2007
TDR-TDIP-NS-000003_REV00A_Formatted . Total System Performance Assessment (TSPA) Data Input Package Plan For Unsaturated Zone Radionuclide Transport Parameters Matrix Diffusion and Sorption INTENTIONALLY LEFT BLANK TDR-TDIP-NS-000003 REV OOA xii

90% DOE TDR-TDIP-NS-000003 REVOOA Formatted second submittal revised
LSN #: DN2002370579 Participant #: ALA.20070504.0986 Document Date: 02/15/2007
TDR-TDIP-NS-000003_REV00A_Formatted_second_submittal_revised . Total System Performance Assessment (TSPA) Data Input Package Plan For Unsaturated Zone Radionuclide Transport Parameters Matrix Diffusion and Sorption INTENTIONALLY LEFT BLANK

90% DOE TDR-TDIP-NS-000003 REVOOA Formatted second submittal
LSN #: DN2002369974 Participant #: ALA.20070511.0683 Document Date: 02/01/2007
TDR-TDIP-NS-000003_REV00A_Formatted_second_submittal . Total System Performance Assessment (TSPA) Data Input Package Plan For Unsaturated Zone Radionuclide Transport Parameters Matrix Diffusion and Sorption INTENTIONALLY LEFT BLANK TDR-TDIP-ES-000003

90% DOE TOTAL SYSTEM PERFORMANCE ASSESSMENT DATA INPUT PACKAGE FOR REQUIREMENTS ANALYSIS FOR SUBSURFACE FACILITIES
LSN #: DN2002375794 Participant #: LLR.20070305.0004 Document Date: 03/05/2007
TOTAL SYSTEM PERFORMANCE ASSESSMENT DATA INPUT PACKAGE FOR REQUIREMENTS ANALYSIS FOR SUBSURFACE FACILITIES The documentation of the impact assessments can be found in the respective AMR records.

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DOE Exhibit 8

DOE Exhibit 8

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	97%	DOE	SCI-DSK-001 REV01B rgb LSN #: DN2002380039 Participant #: ALA.20070511.2780 Document Date: 02/26/2007 These names may or may not already be in the TSPA Input Database at the time of the request. The TSPA Analyst is responsible for updating the TSPA Database with any new parameter names and supporting information.	
	97%	DOE	07 254 YMP-LL 01-24-2007 TWP-MGR-PA-000045 Rev 00 LSN #: DN2002373540 Participant #: ALA.20070511.0523 Document Date: 01/30/2007 TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.	
	97%	DOE	TWP-MGR-PA-000044 REV00 Final LSN #: DN2002363026 Participant #: ALA.20070504.1496 Document Date: 03/21/2007 TDIPs which do not directly provide TSPA parameters do not require a TDIP plan. The TDIPs will include TSPA parameters, implementation approach, uncertainty, direct inputs, and justification of these inputs to TSPA.	
	97%	DOE	TDR-TDIP-DE-000003a 022307 LSN #: DN2002365644 Participant #: ALA.20070511.4161 Document Date: 02/23/2007 TDR-TDIP-DE-000003a_022307 . a 12 CDF for TSPA" to 12 CDF for TSPA" M00408SPADRWSD.001 Workbook "12 to 13 Workbook "12 to 13 [DIRS 1717511 CDF.xls" worksheet "12 to CDF.xls" worksheet "12 Wind_Speed_12_13_km_a 13 CDF for TSPA" to 13 CDF for TSPA"	
	97%	DOE	TDIP FAR-1 whs comments 2 LSN #: DN2002353974 Participant #: ALA.20070426.6709 Document Date: 01/04/2007 TDIP_FAR-1 whs comments–2 . TDIP Plan: FAR-1 1.0 TSPA Parameters 1.1 TSPA Parameter Name Table 1 summarizes the TSPA Parameter name, parameter definition/description, type of parameter, and parameter DTN/title for the TSPA parameters associated with	
	97%	DOE	(TSPA) TOTAL SYSTEM PERFORMANCE ASSESSMENT DATA INPUT PACKAGE PLAN FOR IGNEOUS EVENT PROBABILITY LSN #: DN2002338923 Participant #: LLR.20070220.0118 Document Date: 01/12/2007 TSPA) TOTAL SYSTEM PERFORMANCE ASSESSMENT DATA INPUT PACKAGE PLAN FOR IGNEOUS EVENT PROBABILITY	
	97%	DOE	TDIP-IEP-1 Edited Checked fvp 1 LSN #: DN2002353665 Participant #: ALA.20070511.1807 Document Date: 02/03/2007 Deleted: , in prep 1.0 TSPA Parameter(s) This section identifies and describes the total system performance assessment (TSPA) parameters included in this TSPA data input package (TDIP).	
	97%	DOE	TECHNICAL WORK PLANFOR: TOTAL SYSTEM PERFORMANCE ASSESSMENT [TSPA) PARAMETER SELECTIONAND DOCUMENTATION WITH TSPA DATA INPUT PACKAGE (TDIP) LSN #: DN2002312666 Participant #: DOC.20070116.0002 Document Date: 01/15/2007 TDIPs which do not directly provide TSPA parameters do not require a TDIP plan. The TDIPs will include TSPA parameters, implementation approach, uncertainty, direct inputs, and justification of these inputs to TSPA.	
	97%	DOE	TDIP-DSC-1a KGM2 LSN #: DN2002378528 Participant #: ALA.20070517.1263 Document Date: 02/08/2007	

General corrosion (GC) is the only drip shield degradation mode modeled in the TSPA-LA model in the absence of damage due to seismicity.

97% DOE 07_320_YMP-LL_02-14-2007 TWP-MGR-PA-000045 REV01
LSN #: DN2002371327 Participant #: ALA.20070520.0763 Document Date: 02/14/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE 07_320_YMP-LL_02-14-2007_W_encl
LSN #: DN2002373032 Participant #: ALA.20070517.1906 Document Date: 02/14/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE Note to Palmer 070305
LSN #: DN2002380338 Participant #: ALA.20070515.4976 Document Date: 03/05/2007
However, these radionuclides were screened out for the last TSPA iteration. Please confirm that Biosphere's TDIP is acceptable using the old TSPA descriptions and that the BDCF for the newly screened-in radionuclides do not show or provide guidance.

97% DOE TECHNICAL WORK PLAN FOR TOTAL SYSTEM PERFORMANCE ASSESSMENT (TSPA) PARAMETER SELECTION AND DOCUPIENTATION WITH TSPA DATA INPUT PACKAGE (TDIP) CONCURRENCE DRAFT (C)
LSN #: DN2002371771 Participant #: MOL.20070521.0117 Document Date: 01/18/2007
The TDIPs will include TSPA parameters, implementation approach, uncertainty, direct inputs, and justification of these inputs to TSPA. TDIPs will be prepared by teams of PA Analysts, including both PIs and TSPA analysts.

97% DOE TDR-TDIP-NS-000003_REV00_spk-4-9-07
LSN #: DN2002382424 Participant #: ALA.20070531.0620 Document Date: 04/09/2007
The same sorption 1.1TSPA PARAMETER NAME parameters previously developed are summarized in this TDIP.

3 97% DOE TECHNICAL WORK PLAN FOR TOTAL SYSTEM PERFORMANCE ASSESSMENT (TSPA) PARAMETER SELECTION AND DOCUMENTATION WITH VIA TSPA DATA INPUT PACKAGE (TDIP) (DRAFT) (C)
LSN #: DN2002379571 Participant #: MOL.20070521.0116 Document Date: 01/18/2007
Identify Parameters in TSPA database (PAPD)PADP Is the No Remove Parameter Parameter from PAPD and required submit to for TSPA? TDIPs will be prepared by PA Analysts, including both Pis and TSPA analysts.

97% DOE 07_254_YMP-LL_01-24-2007 TWP-MGR-PA-000045 Rev 00
LSN #: DN2002374416 Participant #: ALA.20070520.1930 Document Date: 01/30/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE SCIENCE DESK INSTRUCTION FOR TOTAL SYSTEM PERFORMANCE ASSESSMENT (TSPA) DATA INPUT PACKAGES (TDIPS)
LSN #: DN2002370908 Participant #: DOC.20070228.0004 Document Date: 02/28/2007
These names may or may not already be in the TSPA Input Database at the time of the request. The TSPA Analyst is responsible for updating the TSPA Input Database with any new parameter names and supporting information.

97% DOE TWP-MGR-PA-000045 REV01 Final
LSN #: DN2002370368 Participant #: ALA.20070504.0229 Document Date: 02/14/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE 07 254 YMP-LL 01-24-2007 W encl
LSN #: DN2002365013 Particioant #: ALA.20070426.9810 Document Date: 01/30/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE TDIP PV Status 01 02 07
LSN #: DN2002363291 Participant #: ALA.20070426.5891 Document Date: 01/02/2007
TSPA TOTAL 40 24 14 2- EBS RTA DELIBERATIVE PROCESS PRIVILEGED 2 of 2 3/8/2007 ,

97% DOE TSPA Direct Inputs 02-23-07 Eruptive
LSN #: DN2002366030 Particioant #: ALA.20070504.0638 Document Date: 02/20/2007
Weekely Progress Update on TSPA Direct Inputs Checked Checked TSPA Lead AMR Lead Author Primary TSPA All Locations in Prelim.

97% DOE 07 320 YMP-LL 02-14-2007 TWP-MGR-PA-000045 REV01
LSN #: DN2002370197 Participant #: ALA.20070504.0043 Document Date: 02/14/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE 07 254 YMP-LL 01-24-2007 W encl
LSN #: DN2002367704 Participant #: ALB.20070426.2762 Document Date: 01/30/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE TWP-MGR-PA-000045 REV00 Final
LSN #: DN2002363102 Participant #: ALB.20070426.0786 Document Date: 01/30/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

97% DOE ATT72IY8
LSN #: DN2002364481 Participant #: ALB.20070426.0762 Document Date: 01/30/2007
TSPA Configuration Provides configuration management of software and data. Management TSPA Technical Provides support to TSPA management in response to technical Support issues identified by TSPA management.

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DOE Exhibit 9

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☐	91%		FINAL root cause appendices printed **032307** LSN #: DN2002374712 Participant #: ALA.20070515.7733 Document Date: 03/23/2007 QARD) Analysis and Model Report (AMR) An AMR is either an analysis or a modeling report that summarizes a particular body of related scientific or engineering studies.	
☐	90%	DOE	LL_YMStein_NWTRB_infil_**031407**_REV **03** LSN #: DN2002362379 Participant #: ALA.20070511.3840 Document Date: 02/26/2007 LL_YMStein_NWTRB_infil_031407_REV 03 . Sandia National Laboratories Estimates of Infiltration Presented to: Nuclear Waste Technical Review Board Presented by: Joshua Stein Principal Member of Technical Staff Sandia National Laboratories March 14,	
☐	90%	DOE	RADIONUCLIDE TRANSPORT MODELS UNDER AMBIENT CONDITIONS [MARCH 2007) LSN #: DN2002375518 Participant #: LLR.20070316.0136 Document Date: 03/01/2007 The present model report also includes determination and discussion of the distribution coefficients Kd of the various sorbing radioactive solutes in the UZ rocks, as well as a corresponding uncertainty analysis (see Appendix A, this model report).	
☐	90%	DOE	TOTAL SYSTEM PERFORMANCE ASSESSMENT DATA INPUT PACKAGE FOR REQUIREMENTS ANALYSIS FOR SUBSURFACE FACILITIES LSN #: DN2002375794 Participant #: LLR.20070305.0004 Document Date: 03/05/2007 A list of the analysis, models and reports that were Impacted by LA design changes after they were approved is provided below. The impact analysis are included in the records package for this Input Package.	
☐	89%	DOE	Sec1-5-Rev2Lu LSN #: DN2002345156 Participant #: ALA.20070601.1355 Document Date: 04/10/2007 To contribute model parameters and boundary conditions for drift seepage and other modeling studies. The report Deleted: 4 contributes to the analysis and modeling data used to support TSPA.	
☐	89%	DOE	Validation LSN #: DN2002349771 Participant #: ALA.20070504.1679 Document Date: 03/30/2007 This component also encompasses any effects of heat on the unsaturated zone flow accounted for in the model. Considering the low level of Importance of the model to the estimate of mean annual dose, Level I model validation is appropriate."	
☐	88%	DOE	ATMOSPHERIC DISPERSAL AND DEPOSITION OF TEPHRA FROM A POTENTIAL VOLCANIC ERUPTION AT YUCCA MOUNTAIN, NEVADA LSN #: DN2002381651 Participant #: LLR.20070220.0115 Document Date: 02/23/2007 This model report also documents the redistribution model product outputs based on analyses to support the conceptual model. Two analysis and model reports provide direct inputs to this model report, namely the product output (DTN:	
☐	88%		particle tracking model report LSN #: DN2002359287 Participant #: ALA.20070426.7704 Document Date: 01/02/2007 The uncertainties associated with transport in the UZ have been documented in the model report for UZ transport (BSC 2004 [DIRS 164500]), and have been expanded upon in the present model report.	
☐	88%	DOE	CALIBRATED **UZ** PROPERTIES LSN #: DN2002372899 Participant #: LLR.20070316.0206 Document Date: 02/01/2007 The calibration of the property sets is performed through Inverse modeling. This deviation is expected	

to improve the efficiency of documentating the analysis activities, and reviewing and checking the document.

88% DOE PMA_Table_v04_ed_by_wang
LSN #: DN2002369578 Participant #: ALA.20070426.8601 Document Date: 01/19/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

88% DOE PMA_Table_v04
LSN #: DN2002369731 Participant #: ALA.20070426.9349 Document Date: 01/12/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

7 88% DOE PMA_Table_v04
LSN #: DN2002365646 Participant #: ALA.20070426.7622 Document Date: 01/17/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

88% DOE PMA_Table_v03
LSN #: DN2002362480 Participant #: ALA.20070426.4622 Document Date: 01/10/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

88% DOE PMA_Table_v04_ed_by_wanq
LSN #: DN2002368474 Participant #: ALB.20070426.3275 Document Date: 01/19/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

88% DOE PMA_Table_v03
LSN #: DN2002366086 Participant #: ALA.20070426.8442 Document Date: 01/10/2007
The Identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

7 88% DOE PMA_Table_v03
LSN #: DN2002367675 Participant #: ALA.20070426.7268 Document Date: 01/10/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

88% DOE CMERTZANLEBS_MD_000020REV00_ICNOOFINAL
LSN #: DN2002373239 Participant #: ALA.20070522.2059 Document Date: 03/29/2007
Because the end objective is to support the source term modeling we have organized the conclusions into two categories: (1) data analysis conclusions and (2) recommendations for colloid source term modeling.

88% DOE PCplan
LSN #: DN2002375023 Participant #: ALA.20070511.0911 Document Date: 02/01/2007
The composite modeling units defined for this analysis encompass the majority of the rocks within the

unsaturated zone in the immediate vicinity of the repository at Yucca Mountain.

88% DOE GlassAMR.F0060
LSN #: DN2002349480 Participant #: ALA.20070522.1803 Document Date: 03/29/2007
The approach taken to provide a bound for the radionuclide release is to develop models that bound the dissolution rate of waste glass when contacted by water in the disposal site.

88% DOE PMA - PRIVILEDGED
LSN #: DN2002362922 Participant #: ALA.20070426.5999 Document Date: 01/30/2007
The identified conservatisms are based on assumptions from supporting analysis model reports rather than on the overall TSPA-LA Model, and they may or may not have a direct impact on the performance of the TSPA-LA Model.

88% DOE MSTHM_TDIP_Plan Rev 02_c
LSN #: DN2002350861 Participant #: ALA.20070426.3913 Document Date: 01/05/2007
Software utilized by the MSTHM will be listed in Section 3 of the forthcoming MSTHM analysis and model report. Section 5.0 Justification The parameters identified in Tables 1-1 and 1-3 are obtained through exercising the MSTHM process model.

87% DOE NRC scenario analysis reviewstrategy
LSN #: DN2002363675 Participant #: ALA.20070426.5782 Document Date: 01/19/2007
Nevertheless, the analysis and model reports that present the U.S.

87% DOE NRC scenario analysis review stratesy
LSN #: DN2002368723 Participant #: ALA.20070426.7998 Document Date: 01/19/2007
Nevertheless, the analysis and model reports that present the U.S.

87% DOE Final root cause report with CAP printed 032307
LSN #: DN2002371885 Participant #: ALA.20070515.7758 Document Date: 03/23/2007
A-GL-1 A1 Root Cause Analysis Team Charter and Members A1.2-1 A1.3 Root Cause Analysis Team Members A8-1 A9 Analysis of Documents Related to AMRs/Models A9-1 A9.1 Condition Reports

87% DOE CMERTZANLEBS_MD_000020REV00_ICNRev01A
LSN #: DN2002381909 Participant #: ALA.20070522.2063 Document Date: 03/29/2007
Because the end objective is to support the source term modeling we have organized the conclusions into two categories: (1) data analysis conclusions and (2) recommendations for colloid source term modeling.

Suggest More

Currently displaying results 1-25 of 249 total hits

Next Pg

Query executed at Thursday August 2, 2007 1:14 PM EDT

DOE Exhibit 10

DOE Exhibit 10

EGAN, FITZPATRICK, MALSCH & CYNKAR, PLLC

Counselors at Law

The American Center at Tysons Comer
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JosephR. Egan
Martin G. Malsch
Robert J. Cynkar

Charles J. Fitzpatrick
cfitzpatrick@nuclearlawyer.com

November 22, 2005

VIA FACSIMILE

FOIA Officer
United States Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585

ORD-FOIA 06-03
Due Date 12/21/05

Ms. Diane Quenell
United States Department of Energy
Office of Repository Development
1551 Hillshire Drive
Las Vegas, Nevada 89134-6321

RECEIVED
NOV 23 2005
DOE/ORD/FOIA

Re: Freedom of Information Act — **Request for Documents**

To Whom It May Concern:

On November 9, 2005, the U.S. Department of Energy, Office of Inspector General, Office of Inspections and Special Inquiries, issued an inspection report entitled "Quality Assurance Weakness in the Review of Yucca Mountain Electronic Mail for Relevancy to the Licensing Process." In that report, the DOE-IG stated, at page 7: "OCRWM is currently developing a searchable database of all existing Yucca emails. It appears that this database could provide the means for conducting a more comprehensive review of the apparently ten million archival emails to assure that all conditions adverse to quality are addressed." Pursuant to the Freedom of Information Act ("FOIA"), 55 U.S.C. 552, please provide the above-described searchable database of Yucca emails.

This request is made on behalf of the State of Nevada.

The requesting party is willing to pay up to a total amount of $1,000 for search time and document copying costs without the necessity for further approval, The requesting party has specifically made this request as narrow as possible in order to facilitate expeditious and timely response by DOE.

Thank you for your prompt attention to this request. If you have any questions, please contact me at 210-820-2667.

Sincerely,

Charles J. Fitzpatrick

CJF:sm

cc: Joseph R. Egan, Esq. (via fax)
Mr. Robert R. Loux (via fax)

DOE Exhibit 11

DOE Exhibit 11

EGAN, FITZPATRICK & MALSCH, PLLC

Counselors at Law

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Joseph R. Egan
Martin G. Malsch

Charles J. Fitzpatrick

July 2,2007

VIA FACSIMILE

FOIA Officer
United States Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585

Ms Diane Quenell
United States Department of Energy
Office of Repository Development
1551 Hillshire Drive
Las Vegas, Nevada 89134-6321

Re: Freedom of Information Act — Request for Documents (LA Product Baseline)

To Whom It May Concern:

At a DOE/NRC Technical Exchange Meeting on Quality Assurance held in Las Vegas on June 26, DOE representative April Gil mentioned that a new complete integrated version of DOE's "LA Product Baseline" was in distribution and that it had probably been completed on or about June 12, 2007. By an earlier FOIA request, the undersigned obtained a January 12, 2007 version of the LA Product Baseline. We now request the most up-to-date version. Pursuant to the Freedom of Information Act ("FOIA"), 55 U.S.C. 552, please provide the following described documents:

> The June 2007 integrated "LA Product baseline" mentioned by DOE representative April Gil at the June 26,2007 DOE/NRC Technical Exchange Meeting in Las Vegas.

This request is made on behalf of the State of Nevada.

The requesting party is willing to pay up to a total amount of $500 for search time[2] and document copying costs without the necessity for further approval. The requesting party has

specifically made this request as narrow as possible in order to facilitate expeditious and timely response by DOE

Thank you for your prompt attention to this request. If you have *any* questions, please contact me at 310-820-2667

Sincerely,

Charles I. Fitzpatrick

Charles I. Fitzpatrick

CIF:sm
cc Mr Robert R. Loux (via email)
Joseph R Egan, Esq. (via email)

---

1 The term "document" mew, my written, recorded, of graph matter of any nature whatsoever, regardless of how recorded, and whether original or copy, including, but not limited to, the following: memoranda; reports; studies; reviews; analyses; presentations; computer spreadsheets; computer codes. working papers; records, notes; letters, notices, confirmations; telegrams; facsimiles; receipts; appraisals; interoffice and intra-office communications; electronic mail (email); contracts; cables; notations or logs of my type of conversation, telephone call, meeting, or other communication; bulletins; printed matter; computer printouts; teletype; invoices, transcripts; diaries; appointment books; returns; summaries; minutes; bills; accounts; estimates; projections; comparisons; messages; or correspondence. A document bearing any notation not a part of the original text is to be considered a separate document. A draft or non-identical copy is a separate document within the meaning of this term.

2 This request is intended ti, cover DOE's headquarters office, as well as its field offices, including, but not limited to, DOE's Nevada field office.

DOE Exhibit 12

DOE Exhibit 12

From: Dyer, YMP
To: Chu, OCRWM

Subject: Approach for LSN Certification

References: April and Jake's letter
Brocoum letter to Ben McGrae

Claudia, I incorporated your changes that still applied with this revision...

If the Yucca Mountain site is designated to become the nation's first geologic repository for High-Level Radioactive Waste, the Department's next major milestone is to submit a License Application to the Nuclear Regulatory Commission (NRC). In order to docket the License Application (LA), the NRC requires that the Licensing Support Network (LSN) be available to facilitate timely NRC technical review, and petitioner discovery-type review, of the Department's LA. LSN provides access to relevant documents before any LA is submitted, and is intended to to supplant the need for the traditional document discovery process after the LA is submitted. Additional information on the regulatory background can be found in Enclosure 1.

It is OCRWM's obligation to fulfill the LSN requirements in 10 CFR 2, Subpart J, and Topical Guidelines 3.69, and certify the LSN at least six months prior to any LA submission. Had steps not been taken years earlier, timely LSN certification would be near impossible.

Anticipating a possible need for LSN certification, YMP took several actions: aligning the records database to facilitate LSN certification; implementing procedures to capture any inclusionary records and trained personnel on these procedures. Without these early steps, manual screening for LSN relevancy would be a necessity for each record. A crosswalk of requirements in 10 CFR 2, Subpart J with RMS Document Types is available in Enclosure 2.

Our approach in certifying the LSN is to:

- Automatically include key documents (VA, SCP, EIS, SR, etc)
- Automatically include records designated as inclusionary in the RMS
- Screen remaining records either manually, or using software queries for:
  - Exclusionary material
  - Documentary material
  - Privileged material (header only)
    - legal
    - preliminary drafts
    - Homeland Security sensitivities
- Use appropriate personnel to screen for classified material (header only)
- Ensure header information for the records is accurate
  Place records onto LSN servers
- Three months prior to initial certification, DOE perform a readiness review

Additional detail on RMS Document Types, Numbers, and Relevancy Method can be found in Enclosure 3. Printed examples of some actual RMS documents are contained in Enclosure **4.**

This approach is an attempt to balance the need to fulfill requirements for LSN certification and the NRC's technical review and discovery process; the desires of OGC for litigation support and preparation; and the anticipated time remaining. The first objective however is to ensure all information required to fulfill the criteria in the YM Review Plan (YMRP) is available within the LSN. Risk can be taken in areas where there is no direct connection in fulfilling YMRP criteria. The NRC is interested in a *"more focused set of materials most important to the licensing proceeding. It is not interested in the entire backlog of DOE and other parties' material, some of*

which may no longer be relevant to the licensing proceeding." 62 Fed. Reg. 60789, 60793 (1997).

Screening must be done quickly and objectively. With regard to efficiency, measures were taken to streamline the entire process, while maintaining its credibility. Specific screening criteria has been developed into an automated series of questions to enable a screener to quickly determine what material is relevant, and if additional handling considerations are required. With regard to objectivity, BSC will hire a litigation firm to perform the actual screening and provide support. The overall process and architecture are illustrated in Enclosure 5, with specific screening criteria being developed in the future.

After long consideration, the following YMP position has been developed with respect to the following areas. Additional detail can be found in Enclosure 6.

- **Email** – Emails in the RMS will be screened for relevancy. These records reflect those emails designated by individuals as inclusionary per procedures, first being implemented in 1995. With regard to past emails, it is YMP's position these emails do not contain relevant documentary material. Any pertinent information would be in another existing document. Resources have been allotted only for addressing emails within RMS.
    - Option: Manually screen all emails on backup tapes
        - Metrics for one backup tape (snapshot taken at 11/20/0000)
            - Volume: ~500,000 messages (believed to be exclusionary)
            - Users: 1868 people
            - # Attachments: 1,064,156
        - Issues:
            - Would need exemption or relief from LSNARP for developing RMS headers for these additional emails
            - Need determination on how to handle attachments, especially since lot of software to launch attachments no longer available
            - Additional resources could be up to two man-years of work, excluding attachments
    - Option: Filter by group or software
        - Only key PIs, Engineers, Management or;
        - Only AMs, GMs, and Director or;
        - Only DOE managers
        - Autonomy by subject
        - Issues from above would still apply
- **Circulated Drafts –** Include in LSN only those documents in RMS which were circulated for supervisory concurrence or signature in which the original author or others in the concurrence process have non-concurred. An effort will be made to collect any outstanding material in office areas.
- **Readily Available** -- can be, and should be, excluded from the LSN to avoid issues with copyrighted material. Readily available is defined to be available through interlibrary loans. Current schedule shows the review to determine readily available publications to be done in late FY03.

This position and approach will enable us to meet the target date however additional funding is required. For FY02, an additional $xxx is required to allow for immediate entry of known documentary material and the release of an RFP for a litigation firm. If an option is chosen above our stated position, additional resources will be required.

SIGNATURE

Cc w Enclosures: NRC
OGC
Cc w/o Enclosures: BSC folks

Enclosure 1 –Regulatory Analysis and Background
Enclosure 2 – 10 CFR 2, Subpart J crosswalk to RMS
Enclosure 3 – Document Information, Plan see for LSN inclusion
Enclosure 4 – Examples of RMS Document Types
[redacted]

Joe/Bill/Claudia: if Margaret wants an earlier LA date – then we'll just have to do some smart software queries and sorts, and then dump all of RMS, DIRS, and TDMS into LSN – nothing much more...

DOE Exhibit 13

DOE Exhibit 13

From: CN=Kathryn Knapp/OU=YD/O=RWDOE
PostedDate: 07/27/2001 08:14:12 PM
SendTo: Group IAAT
CopyTo:
ReplyTo:
BlindCopyTo:
Subject: Minutes and Other Info
Body:

Attached is a brief summary of the July 24, 2001 and July 26 , 2001 meetings.

Attached is a Master file with all the issue write-ups that I have received an electronic file. We may want to decide if we need any more clean-up on them. For example, some did not provide any text for the issue or for the potential impact.

Next meeting: Tuesday, July 31, 2001
Time: 10:00 am - 12:00 (PST)
Location: 516 (West)
Objective: Finish determining Policy, Strategical, or Tactical Decision Level for Issues 22 - 42, Organize issues, discuss interelations with the issues, discuss priotization of issues

.....
Attachment: Issue Master Write-Up.doc
Attachment: SDST--minutes 7-24 and 26.doc

Strategic Decision Support Team

Minutes for July 24,2001 meeting

Members Present: Jerri Adams, Jack Bailey. Tom Cotton, Claudia Newberry (April Gil), Tom Leonard, Ricky Robinson, Dennis Royer, Dick Spence, Jerry Parker (Jeff Williams), Dave Zabransky, and Joe Ziegler.

Members Absent: Jim Carlson and Jean Youoker

Guest: Russ Dyer

Minutes by Kathryn Knapp

The meeting opened by Jack Bailey making a presentation on decision making. After Jack's presentation, the team reviewed and discussed the binning of the issues drafted by Tom Cotton and Kathryn Knapp. From Jack's presentation, the team gained the insight that it would be useful to indicate level of decision that the owner thought each issue was (Policy, Strategy, or Tactical). The team decided to first bin each issue by the decision level.

It was also discussed the need to communicate the tactical decisions vertically. The TREND may be the reporting system to address this need.

Action items from the meeting and continuing actions:

Complete write-ups incorporating changes from the discussions.

Owner send Policy, Strategy, Tactical Decision level to Kathryn along with milestone need for your respective issues.

Vacation schedules to Jerri Adams.

Minutes for July 26,2001 meeting

Members Present: Jerri Adams, Jack Bailey, Tom Cotton, April Gil, Tom Leonard, Ricky Robinson, Dennis Royer, Dick Spence, Jeff Williams, and Dave Zabransky

Members Absent: Joe Ziegler, Jim Carlson and Jean Younker

Minutes by Kathryn Knapp

Over all Lake Barrett briefing went well and was informative. Team may want to consider linking issues to the six categories that Lake presented (societal-political, economical-business, legal, regulatory, science-design, construction-ops.

Team discussed decision level and milestone for first 21 issues. Need to continue with the remaining 21 issues. Then team will discuss relationships between the issues and how to prioritize.

Team members should continue to bring new issues in but for now the team's focus will be on the 42 issues. The additional issues will be kept in a separate list. Added items from this meeting included: ORLC list from April Gil, Fitness for Duty, and LSN level of detail for document submittal.

Action items from the meeting and continuing actions:

New slip sheets to team (Jerri Adams)

Look into the assistant of a Decision Analyst (Jack Bailey and Kathryn Knapp)

Solicit issues form IT (Jerri Adams)

Complete write-ups incorporating changes from the discussions.

Owner send Policy, Strategy, Tactical Decision level to Kathryn along with milestone need for your respective issues.

Vacation schedules to Jerri Adams.

DOE Exhibit 14

DOE Exhibit 14

Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 30307
North Las Vegas. NV 89036-0307

OCT 04 2001

MEMORANDUM FOR LAKE H. BARRETT, ACTING DIRECTOR, OCRWM (RW-1)

FROM: J. Russell Dyer
Project Manager, YMSCO

SUBJECT: ACTION: Issue an Office of Civilian Radioactive Waste Management (OCRWM) Policy on Licensing Support Network Strategic Approach

ISSUE: Complete tasks prior to finalizing the OCRWM Licensing Support Network Strategic Approach (LSNSA) Policy, DOE Policy DOE/RW-0535

BACKGROUND: During May 2001, April Gil and Dee Jensen met with you on the OCRWM Licensing Support Strategic Approach policy document. During that briefing, you asked them to complete several tasks prior to finalizing the Policy. Accordingly, the following has been completed:

Task 1: Brief the U.S. Nuclear Regulatory Commission (NRC) on the contents of the OCRWM LSNSA Policy. Action Taken: (I) Initial Briefing with Dan Graser, LSN Administrator and his staff, May 2001. (2) Informal comments received from Mr. Graser and staff factored into the document, June 2001. (3) LSN Technical Working Group briefed on LSN strategic approach August 7,2001. (4) LSN Advisory Review Panel presentation August 8,2001 completed by April Gil and Dee Jensen. (5) Weekly LSN Technical Work Group telephone conference calls began in February 2001 and are continuing. (6) OCRWM has brought an LSN Test Server on-line, loaded 90 documents onto the Test Server and actively support NRC's testing of their LSN site.

Task 2: Factor in the Rule changes. (1) The rule change received in July 2001 has been factored into the final Strategic Approach.

SENSITIVITIES: NONE

POLICY IMPACT: NONE

ENCLOSURE: OCRWM Licensing Support Network Strategic Approach (LSNSA) Policy, DOE Policy DOE/RW-0535

RECOMMENDATION: Request approval of the enclosed final OCRWM LSNSA document and your signature on the cover page.

APPROVED: _____

DISAPPROVED: _____

DATE: _____

Office of Civilian Radioactive Waste Management (OCRWM)

Licensing Support Network Strategic Approach (LSNSA)

DOE POLICY DOE/RW-0535
October 5.2001
Job Control Number: 01-2939

The Office of Civilian Radioactive Waste Management3 (OCRWM) opportunity to identify and define OCRWM's approach to the issues associated with meeting the Nuclear Regulatory Commission3 (NRC) requirements for the OCRWM Licensing Support Network

FINAL Rev. 2 – 09/17/01 - dwj

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Approved: _____ 10/2/01
J. RUSSELL DYER, Project Manager Date
Yucca Mountain Site Characterization Office
and LSN Certification Official

Approved: _____ _____
LAKE H. BARRETT, Acting Director Date
Office of Civilian Radioactive Waste Management

Licensing Support Network Strategic Approach (LSNSA)

The Office of Civilian Radioactive Waste Management's (OCRWM's) approach to identify and address the issues associated with meeting the Nuclear Regulatory Commission's (NRC's) requirements for the OCRWM Licensing Support Network.

1.0 INTRODUCTION

1.1 PURPOSE

The OCRWM Licensing Support Network Strategic Approach (LSNSA) is a management tool that establishes U.S. Department of Energy (DOE) policy to meet the requirements associated with the Licensing Support Network (LSN) and the development of the OCRWMILSN (defined in Attachment A). This document is based on the NRC requirements, contained in 10 Code of Federal Regulations (CFR) Part 2, Subpart J, that OCRWM must meet in development and implementation of an OCRWMILSN, and describes the actions necessary to develop the OCRWMILSN in compliance with these requirements. The LSNSA identifies alternatives to meet these requirements and recommends a preferred option.

The LSNSA summarizes regulatory issues with the content and certification of the OCRWMILSN, information management issues with developing and implementing the OCRWMILSN, goals and objectives (Attachment C) for implementing the LSN, and key assumptions (Attachment B) underlying OCRWM's approach to resolution of these issues. A path forward to meet the requirements and resolve these issues is identified, including roles and responsibilities for DOE and its contractors, key deliverables, and other factors critical for successful development of the OCRWMILSN. It is expected that detailed planning efforts for each of the individual operational activities will evolve from this strategic document.

1.2 HISTORY and BACKGROUND

Section 114 of the Nuclear Waste Policy Act (NWPA) of 1982, as amended, requires NRC to issue a final decision approving or disapproving issuance of a construction authorization for a nuclear waste repository not later than three years following submission of DOE's License Application (LA) [3]. The OCRWMILSN will be designed to support the NRC objective to facilitate

[3] The Commission may extend such deadline by not more than 12 months

compliance with this NWPA mandate. The issues associated with definition, development, implementation, and maintenance of the OCRWMILSN are especially challenging because of the immense amount of information that will be provided and the requirement that all interested patties have access to the information.

Section 114(d) of the NWPA requires the Commission to issue a final decision approving or disapproving issuance of the construction authorization for a geologic repository for high-level-waste (HLW) within three years of the "submission" (i.e., docketing) of the DOE license application. The Commission anticipated that the HLW proceeding would involve a substantial number of documents created by well-informed patties regarding numerous, complex issues. The Commission believed that the LSN could facilitate the timely NRC technical review, and the timely petitioner "discovery type" review, of DOE's license application by providing access to relevant documents before DOE submits its license application. Additionally the NRC believed the LSN could supplant the need for the traditional discovery process used in NRC proceedings involving the physical production of these documents after the license application is docketed. The NRC also believed that early provision of these documents would allow for a thorough, comprehensive technical review of the license application by all parties and potential parties to the HLW licensing proceeding, resulting in better-focused contentions in the proceeding.[4] The LSN could also facilitate agency response to other requests by providing the public with electronic access to documentary material. The rule requires DOE to certify the contents of the OCRWMILSN six months prior to the submittal of the LA.

OCRWM has successfully completed publication of the Viability Assessment and its associated supporting documentation, publication of the Draft Environmental Impact Statement (DEIS), Supplement to the Draft Environmental Impact Statement (SDEIS), Science and Engineering Report (S&ER), Preliminary Site Suitability Evaluation (PSSE), and associated supporting documentation. Identification of other documentary material that will need to be reprocessed prior to screening for transmission of information to the OCRWMILSN has been completed.

1.3 REQUIREMENTS

The LSN and associated electronic information systems are governed by NRC's 10 CFR 2, Subpart J, "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders." Additional guidance for the OCRWMILSN functions are contained in the Statement of Considerations accompanying 10 CFR 2, Subpart J as well as staff memos to the Commission. For example, according to SECY-00-0135, June 23, 2000, the primary functions of such a system (as stated in 10 CFR 2, Subpart J) are:

1. To provide full text search and retrieval access to the relevant documents of all parties and potential parties to the HLW repository licensing

[4] Amendment to 10 CFR Part 2, Subpart J, Supplementary Information, May 31, 2001, 66 Fed. Reg. 29453

proceeding beginning in the time period before the DOE submits its license application for the repository;

2. To provide for electronic submission of filings by the parties, as well as orders and decisions of the Atomic Safety and Licensing Board during the licensing proceeding; and,
3. To provide access to an electronic version of the HLW repository licensing proceeding docket.[5]

Additionally, NRC has also provided a draft set of functional requirements the LSN is intended to meet. These requirements are documented in the report, Licensing Support Network, Level One and Two Functional Requirements, Revised *Draft*, August 7,2000. NRC states that an LSN:

> "...includes hardware, software, communications, data management processes, documentation, security, and backup and recovery services. Accessibility to the documentary material available is by methods including searching, retrieving, and delivery of the bibliographic headers, text, and images as detailed in 10 CFR 2, Subpart J...."

Beginning in the pre-license application phase, DOE must make provide electronic access to:

1. Electronic files, including bibliographic header, for all documentary material generated by or at the direction of, or acquired by DOE and its contractors.
2. Bibliographic header for all graphic oriented documentary material that includes calibration logs, photos, field notes, graphs, plots, etc.
3. Bibliographic header information relevant to scientific models, source data, test data and results, etc., that are only available in electronic format.
4. Basic licensing documents generated by DOE (10 CFR 2.1004b), such as the Site Characterization Plan, and the Environmental Impact Statement (EIS).
5. Header information relevant to software codes that are available from the OCRWM software library or through the OCRWM Software Configuration Management Program.

NRC's 10 CFR 2, Subpart J, requires DOE to certify OCRWMILSN six months prior to submitting an LA and update the certification at the time the LA is submitted. OCRWM must provide a basis upon which the responsible official within DOE will be able to certify that the procedures in 10 CFR 2.1003, Subpart J, have been implemented and that, to the best of his or her knowledge, the documentary material has been identified and made available electronically.

Specific steps needed for compliance with these requirements will be identified and defined in the certification portion of the OCRWMILSN Program Plan.

---

[5] **The OCRWMILSN is NOT the docket instrument.**

ATTACHMENT C: GOALS and OBJECTIVES

GOALS	OBJECTIVES
GOAL #1: At the time required by regulation, the OCRWM/LSN will: A. Provide electronic files, including bibliographic headers, for all documentary material generated by or at the direction of, or acquired by, DOE. B. Provide, in electronic image form, graphic oriented material that includes calibration logs, photos, field notes, graphs, plots, etc. C. Provide header information relevant to scientific models, source data, test data and results, etc., that are only available from the TDMS in electronic format; D. Provide header information relevant to software codes that are available from the OCRWM software library or through the OCRWM Software Configuration Management program. E. Provide, in electronic form, basic licensing documents generated by DOE, such as the SCP, the EIS, and the LA (upon submission to NRC).	NRC and other LSN Petitioners will be able to: 1. Electronically access, via the NRC LSN, bibliographic headers for all documentary material posted to the OCRWM/LSN. 2. Electronically access, via the NRC LSN, electronic images of graphic oriented material, i.e., calibration logs, photos, field notes, graphs, plots, etc. 3. Electronically access basic licensing documents generated by DOE.
GOAL #2: Provide a basis upon which the responsible official within DOE will be able to certify that the procedures have been implemented and that, to the best of his or her knowledge, submitted and identified documentary material has been made electronically available.	Written evidence that the contents of the OCRWM/LSN constitute the known universe of documentary material that is directly related to DOE's LA at the time of certification. The certification document will include a defined strategy to acquire any and all unsubmitted documentation with target dates for completion. An attachment to the certification document will address, for certification purposes, unsubmitted records that may never be located.

DOE Exhibit 15

DOE Exhibit 15

Department of Energy
Washington, DC 20585

QA: N/A

JUL 24 2007

Charles J. Fitzpatrick, Esquire
Egan, Fitzpatrick & Malsch, PLLC
1777 N.E. Loop 410, Suite GOO
San Antonio, TX 78217

Dear Mr. Fitzpatrick:

This is in response to your July 2,2007, Freedom of Information Act (FOIA) request for a copy of the "June 2007 integrated 'LA Product Baseline' mentioned by DOE representative April Gil at the June 26, 2007, DOE/NRC Technical Exchange Meeting in Las Vegas." Please reference F2007-000530 in any future correspondence regarding this matter,

In response to this request, enclosed is a CD-Rom containing the requested document.

In your July 2,2007, letter, you stated your willingness to pay fees in an amount not to exceed $500 for search and reproduction costs. The following is an itemization of costs associated with processing this request.

FOIA Officer GS 13/10 ($46.98/hr)

1hr @ $46.98	$46.98
Plus 16%	7.52
Total	$54.50

Upon receipt of the enclosed documents, please submit your check in the amount of $54.50 made payable to the U.S. Department of Energy to: U.S. Department of Energy, Attn: Diane Quenell, 1551 Hillshire Drive, Las Vegas, NV 89134-6321. This completes our response to your FOIA request.

In addition to responding to your FOIA request of July 2, 2007, I am responding to your request to Mr. Michael Shebelskie of Hunton & Williams LLP for a copy of the current version of the Analysis Model Report (AMR) schedule. Enclosed is a copy of the AMR schedule noted above; this schedule differs from the License Application (LA) Product Baseline in that it includes the U.S. Department of Energy review and acceptance of the AMRs.

Printed with soy ink on recycled paper

If you have questions regarding our response to these matters, please contact me at (702) 794-5004 or at diane.quenell@ymp.gov.

Sincerely,

Diane Quenell
FOIA Officer

Enclosures:
As stated