



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

September 22, 1998

MEMORANDUM TO: Central File

FROM: Sandra L. Wastler *SW*
Performance Assessment & HLW
Integration Branch
Division of Waste Management, NMSS

SUBJECT: SUBMITTAL OF DOCUMENTS

The following documents have been received from the U.S. Department of Energy (DOE), either directly or through the U.S. Nuclear Regulatory Commission's On-Site Representatives and should be placed in the High-Level Waste, Yucca Mountain Subject file, in the Central File and in the Public Document Room:

1. Contractor document prepared for DOE, "Thermo-Chemical Analyses of the Drift Scale Heater Test: Mineralogical and Geochemical Characteristics, William Glassley, Lawrence Livermore National Laboratory - Level 4 Milestone SP93204M, WBS 1.2.3.14.2, Summary Account TR3E2FB23 Rev. 0, 7/8/97. ✓
2. Contractor document prepared for DOE, "Summary of Calcite and Opal Deposits in the Expository Studies Facility and Estimates of the Distribution and Isotopic Compositions of These Minerals Along the East-West Cross Drift Alignment, Yucca Mountain, Nevada", U.S. Geological Survey, Draft Report, Open-File Report 98-xxx, prepared in cooperation with the Nevada Operations Office, DOE, under Interagency Agreement DE-A108-97NV12033. ✓
3. U.S. Geological Survey, Water-Resources Investigations Report 97-4273, "Estimated Ground-Water Recharge from Streamflow in Fortymile Wash near Yucca Mountain, Nevada", by Charles S. Savard, prepared in cooperation with the Nevada Operations Office, DOE, under Interagency Agreement DE-A108-92NV10874, Denver, CO, 1998.
4. Yucca Mountain Site Characterization Project, Procedure, "Tracers, Fluids, and Materials Data Reporting and Management, YAP-2.8Q, Revision 2, ICN 0, Effective Date: 12/10/97.

9809240201 980922
PDR WASTE
WM-11 PDR

CD's located in File Center

Limited distribution to:
File Center 01 11
NRC PDR 11
Original

WM-11
NA16 102
11

5. Contractor document prepared for DOE, "Second Quarter Results of Chemical Measurements in the Single Heater Test", Account TR3E2FB2, Heating Phase of Single Heater Test Milestone SP9240M4, William Glassley and Laura DeLoach, Lawrence Livermore National Laboratory, Revision 0, 4/17/97.
6. Site Characterization Progress Report, Yucca Mountain, Nevada, DOE/RW-0505, Nuclear Waste Policy Act (Section 113), April 1997-September 30, 1997, Number 17, April 1998, DOE Office of Civilian Radioactive Waste Management.
7. Nye County Department of Natural Resources & Federal Facilities, Nuclear Waste Repository Project Office, Pahrump, NV, "Annual Technical Progress Report, May 1997-April 1998."
8. Contractor document prepared for DOE, "Civilian Radioactive Waste Management System- Management & Operating Contractor, License Application Design Products List (Update to Draft License Application Design and Review Plan, Appendix F). B00000000-01717-3400-00002 Rev. 00, July 15, 1998. Prepared for US DOE, Yucca Mountain Site Characterization Office, North Las Vegas, NV. Prepared by TRW Environmental Safety Systems, Inc., Las Vegas, NV.
9. Memorandum dated 08/14/98 from Robert W. Clark, Acting Director, Office of Quality Assurance, Department of Energy, Washington, DC to Distribution, Subject: Clarification of Address and title for Incoming Correspondence and Meeting Notices for Office of Quality Assurance.
10. Contractor document prepared for DOE, "Civilian Radioactive Waste Management System, Management & Operating Contractor, Chapter 10, TSPA-VA Technical Basis Document, Disruptive Events", B00000000-01717-4301-00010 Rev 00A, July 17, 1998, Prepared for: DOE, Yucca Mountain Characterization Office, North Las Vegas, Nevada, Prepared by: TRW Environmental Safety Systems, Inc., Las Vegas, NV.
11. Yucca Mountain Site characterization Project, Level 4 Milestone SPC315M4, June 16, 1998, Version 1.0, "Drift Seepage Test and Niche Moisture Study: Phase 1 Report on Flux Threshold Determination, Air Permeability Distribution, and Water Potential Measurement", Earth Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA.
12. DOE, OCWRWM, Yucca Mountain Site Characterization Project: "Chemistry, Eh, and pH Tests of Ground Water, Revision 2", Field Work Package-FWP-SB-97-004, June 8, 1998.

13. Civilian Radioactive Waste Management System, Management and Operating Contractor (WBS:1.2.1.3, QA:L): "Monitored Geologic Repository Test and Evaluation Plan"- BB00000000-01717-5705-00058 Rev 02- June 1998, Prepared for DOE, North Las Vegas, NV, Prepared by: TRW Environmental Safety Systems, Inc., Las Vegas, NV.
14. Civilian Radioactive Waste Management System, Management and Operating Contractor (WBS: 1.2.5.7, QA: L), "Waste form Degradation and Radionuclide Mobilization Expert Elicitation Project", May 1998, Prepared for DOE, North Las Vegas, NV, Prepared by Geomatrix consultants, Inc., San Francisco, CA and TRW, Las Vegas, NV. ✓
15. Civilian Radioactive Waste Management System, Management and Operating Contractor (WBS: 1.2.5.7), "Near-Field/Altered Zone Coupled Effects Expert Elicitation Project", May 29, 1998, Prepared for: DOE, North Las Vegas, Nevada; Prepared for: Geomatrix Consultants, Inc., San Francisco, CA and TRW, Las Vegas, NV. ✓
16. DOE Office of Civilian Radioactive Waste Management, "Director's Program Review", presented by Lake Barrett, Acting Director, OCRWM, May 7, 1998.
17. Compact Disc UCRL-ID-129179: "Near-Field/Altered Zone Models Report", Document, Reference Cases, Presentation, Large Block Test Animation, Lawrence Livermore National Laboratory.
18. Compact Disc UCRL-IR-124998: "Near-Field and Altered-Zone Environment Report", Volume 1: Technical Bases for EBS Design, Lawrence Livermore National Laboratory.

Attachments: As stated

CONTACT: Sandra L. Wastler, NMSS
415-6724

- 13 Civilian Radioactive Waste Management System, Management and Operating Contractor (WBS 1 2 1 3, QA L) "Monitored Geologic Repository Test and Evaluation Plan" - BB00000000-01717-5705-00058 Rev 02- June 1998. Prepared for DOE, North Las Vegas, NV. Prepared by TRW Environmental Safety Systems, Inc., Las Vegas, NV
- 14 Civilian Radioactive Waste Management System, Management and Operating Contractor (WBS 1 2 5 7, QA L) "Waste Form Degradation and Radionuclide Mobilization Expert Elicitation Project". May 1998. Prepared for DOE, North Las Vegas, NV. Prepared by Geomatrix Consultants, Inc., San Francisco, CA and TRW, Las Vegas, NV
- 15 Civilian Radioactive Waste Management System, Management and Operating Contractor (WBS 1 2 5 7). "Near-Field/Altered Zone Coupled Effects Expert Elicitation Project". May 29, 1998. Prepared for US DOE, North Las Vegas, Nevada. Prepared for Geomatrix Consultants, Inc., San Francisco, CA and TRW, Las Vegas, NV
- 16 DOE Office of Civilian Radioactive Waste Management, "Director's Program Review", presented by Lake Barrett, Acting Director, OCRWM, May 7, 1998
- 17 Compact Disc UCRL-ID-129179 "Near-Field/Altered Zone Models Report". Document, Reference Cases, Presentation, Large Block Test Animation, Lawrence Livermore National Laboratory
- 18 Compact Disc UCRL-IR-124998 "Near-Field and Altered-Zone Environment Report". Volume 1 Technical Bases for EBS Design, Lawrence Livermore National Laboratory

Attachments As stated

CONTACT Sandra L Wastler, NMSS
415-6724DISTRIBUTION
PUBLIC

Central File

w/o enclosures

PAHL r/f

KStablein

MBell

DBrooks

RWeller

KMcConnell

DOCUMENT NAME S:\OWM\PAHL\SLWCENTRL11.FIL

OFC	PAHL								
NAME	SWastler/mch								
DATE	9/20/98								

OFFICIAL RECORD COPY

ACNW YES _ NO ☒IG YES _ NO ☒ Delete file after distribution Yes ☒ No _LSS YES ☒ NO _

DRAFT DISCLAIMER

This contractor document was prepared for the U.S. Department of Energy (DOE), but has not undergone programmatic, policy, or publication review, and is provided for information only. The document provides preliminary information that may change based on new information or analysis, and is not intended for publication or wide distribution; it is a lower level contractor document that may or may not directly contribute to a published DOE report. Although this document has undergone technical reviews at the contractor organization, it has not undergone a DOE policy review. Therefore, the views and opinions of authors expressed do not necessarily state or reflect those of the DOE. However, in the interest of the rapid transfer of information, we are providing this document for your information.