



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

October 25, 1999

MEMORANDUM TO: Central File

FROM: Sandra L. Wastler
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, 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:

1. U.S. Department of Energy, U.S. Geological Survey, "Yucca Mountain as a Radioactive-Waste Repository, A Report to the Director, U.S. Geological Survey," by Thomas C. Hanks, Isaac J. Winograd, R. Ernest Anderson, Thomas E. Reilly, and Edwin P. Weeks, Circular 1184, U.S. Government Printing Office: 1999.
2. Contractor preliminary draft document prepared for U.S. Department of Energy, CRWMS/M&O, "3-D Repository Scale Thermal Evaluations for EDA Selection," Document Identifier: BBA000000-01717-0210-00061 Rev 00, June 1999.
3. Contractor preliminary draft document prepared for U.S. Department of Energy, CRWMS/M&O, "ANSYS Calculations in Support of Enhanced Design Alternatives," Document Identifier: B00000000-01717-0210-00074 Rev 00, May 1999.
4. CRWMS/M&O, "Documentation of Program Change," Document Identifier: B00000000-01717-5700-00021 Rev 01, June 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Project, North Las Vegas, NV, Prepared by TRW, Las Vegas, NV.
5. CRWMS/M&O, "Thermal Test Progress Report #3," July 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Office, Las Vegas, NV, prepared by Natural Environment Program Operations, CRWMS, Las Vegas, NV, Contract # DE-ACO8-91RW0034.
6. Letter to Honorable Greta Dicus, Chairman, U.S. Nuclear Regulatory Commission, Washington, DC from Lake H. Barrett, Acting Director, Office of Civilian Radioactive Waste Management, U.S. Department of Energy, Washington, DC, dated July 9, 1999, transmitting the Nineteenth Semiannual "Site Characterization Progress Report: Yucca Mountain, Nevada," covering the period April 1 through September 30, 1998.

Delete: ACNW

NH16

7. Research report for seminar on "Apatite (U-Th)/He Chronometry: A New Technique for Dating the Cooling of Rocks Through Very Low Temperatures" by Prof. Ken Farley, Division of Geological and Planetary Science, California Institute of Technology, July 14, 1999, Denver Federal Center.
8. TWR Environmental Safety Systems, Las Vegas, NV: Distribution of the "License Application Design Selection Report, Rev 01," B00000000-01717-4600-00123 Rev 01, May 28, 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Office, North Las Vegas, Nevada.
9. U.S. Department of Energy, OCRWM, to W. Belke, U.S. NRC, Las Vegas, NV enclosing "DOE Change Request CR 99-008, (3 Vols).

Attachments: As stated

CONTACT: Sandra L. Wastler, NMSS
415-6724

7. Research report for seminar on "Apatite (U-Th)/He Chronometry: A New Technique for Dating the Cooling of Rocks Through Very Low Temperatures" by Prof. Ken Farley, Division of Geological and Planetary Science, California Institute of Technology, July 14, 1999, Denver Federal Center.
8. TWR Environmental Safety Systems, Las Vegas, NV: Distribution of the "License Application Design Selection Report, Rev 01," B00000000-01717-4600-00123 Rev 01, May 28, 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Office, North Las Vegas, Nevada.
9. Department of Energy, OCRWM, to W. Belke, U.S. NRC, Las Vegas, NV enclosing DOE Change Request CR 99-008, (3 Vols.).

Attachments: As stated

CONTACT: Sandra L. Wastler, NMSS
415-6724

DISTRIBUTION: Central File w/o enclosures: PAHL r/f
PUBLIC KMcConnell DBrooks KStablein

P:\CENTRL.FIL.wpd

OFC	PAHL								
NAME	SWastler <i>Wastler</i>								
DATE	11/1/99								

OFFICIAL RECORD COPY

ACNW: YES NO
 IG : YES NO Delete file after distribution: Yes No
 LSS : YES NO



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

October 25, 1999

MEMORANDUM TO: Central File

FROM: Sandra L. Wastler
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, 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:

1. U.S. Department of Energy, U.S. Geological Survey, "Yucca Mountain as a Radioactive-Waste Repository, A Report to the Director, U.S. Geological Survey," by Thomas C. Hanks, Isaac J. Winograd, R. Ernest Anderson, Thomas E. Reilly, and Edwin P. Weeks, Circular 1184, U.S. Government Printing Office: 1999.
2. Contractor preliminary draft document prepared for U.S. Department of Energy, CRWMS/M&O, "3-D Repository Scale Thermal Evaluations for EDA Selection," Document Identifier: BBA000000-01717-0210-00061 Rev 00, June 1999.
3. Contractor preliminary draft document prepared for U.S. Department of Energy, CRWMS/M&O, "ANSYS Calculations in Support of Enhanced Design Alternatives," Document Identifier: B00000000-01717-0210-00074 Rev 00, May 1999.
4. CRWMS/M&O, "Documentation of Program Change," Document Identifier: B00000000-01717-5700-00021 Rev 01, June 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Project, North Las Vegas, NV, Prepared by TRW, Las Vegas, NV.
5. CRWMS/M&O, "Thermal Test Progress Report #3," July 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Office, Las Vegas, NV, prepared by Natural Environment Program Operations, CRWMS, Las Vegas, NV, Contract # DE-ACO8-91RW0034.
6. Letter to Honorable Greta Dicus, Chairman, U.S. Nuclear Regulatory Commission, Washington, DC from Lake H. Barrett, Acting Director, Office of Civilian Radioactive Waste Management, U.S. Department of Energy, Washington, DC, dated July 9, 1999, transmitting the Nineteenth Semiannual "Site Characterization Progress Report: Yucca Mountain, Nevada," covering the period April 1 through September 30, 1998.

7. Research report for seminar on "Apatite (U-Th)/He Chronometry: A New Technique for Dating the Cooling of Rocks Through Very Low Temperatures" by Prof. Ken Farley, Division of Geological and Planetary Science, California Institute of Technology, July 14, 1999, Denver Federal Center.
8. TWR Environmental Safety Systems, Las Vegas, NV: Distribution of the "License Application Design Selection Report, Rev 01," B00000000-01717-4600-00123 Rev 01, May 28, 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Office, North Las Vegas, Nevada.
9. U.S. Department of Energy, OCRWM, to W. Belke, U.S. NRC, Las Vegas, NV enclosing "DOE Change Request CR 99-008, (3 Vols).

Attachments: As stated

CONTACT: Sandra L. Wastler, NMSS
415-6724

7. Research report for seminar on "Apatite (U-Th)/He Chronometry: A New Technique for Dating the Cooling of Rocks Through Very Low Temperatures" by Prof. Ken Farley, Division of Geological and Planetary Science, California Institute of Technology, July 14, 1999, Denver Federal Center.
8. TWR Environmental Safety Systems, Las Vegas, NV: Distribution of the "License Application Design Selection Report, Rev 01," B00000000-01717-4600-00123 Rev 01, May 28, 1999, prepared for U.S. Department of Energy, Yucca Mountain Site Characterization Office, North Las Vegas, Nevada.
9. Department of Energy, OCRWM, to W. Belke, U.S. NRC, Las Vegas, NV enclosing DOE Change Request CR 99-008, (3 Vols.).

Attachments: As stated

CONTACT: Sandra L. Wastler, NMSS
415-6724

DISTRIBUTION: Central File w/o enclosures: PAHL r/f
 PUBLIC KMConnell DBrooks KStablein

P:\CENTRL.FIL.wpd

OFC	PAHL								
NAME	SWastler <i>Wastler</i>								
DATE	11/1/99								

OFFICIAL RECORD COPY

ACNW: YES NO
 IG : YES NO Delete file after distribution: Yes No
 LSS : YES NO