



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

QA: N/A

DEC 13 2000

OVERNIGHT MAIL

John T. Greeves, Director
Division of Waste Management
Office of Nuclear Materials Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Two White Flint North
Rockville, MD 20852

**TRANSMITTAL OF KEY REPORTS RELEVANT TO U.S. DEPARTMENT OF ENERGY'S (DOE)
SITE RECOMMENDATION: SYSTEM DESCRIPTION DOCUMENTS (SDD)**

In my letter dated September 19, 2000, the DOE transmitted 11 SDDs, which are part of the reports that describe the technical basis that will support the DOE's Site Recommendation of a potential monitored geologic repository at Yucca Mountain, Nevada.

During the September 27, 2000, U.S. Nuclear Regulatory Commission (NRC)/DOE Quarterly Management Meeting, we agreed to evaluate the remaining 13 SDDs completed to date to determine if the SDDs should be provided to the NRC for their review before the sufficiency comments are developed. Based on our evaluation and our understanding of the language in the Nuclear Waste Policy Act regarding preliminary comments of the NRC, we believe that the additional 13 SDDs are not directly applicable to sufficiency as they relate to surface facilities and operations.

However, we are providing the additional 13 SDDs for your information (enclosures 1 through 13). These SDDs are also provided in compact disc format (which also includes the 11 SDDs previously transmitted) for your convenience (enclosure 14).

The DOE will transmit the remaining key documents to you as they become available. Please direct comments on this letter or the enclosures to Paul G. Harrington at (702) 794-5415 or Timothy C. Gunter at (702) 794-1324.

Stephan Brocoum
Assistant Manager, Office of
Licensing and Regulatory Compliance

OL&RC:TCG-0340

Enclosures:

Hard Copies of the System Description Documents

1. Waste Treatment Building,
SDD-TBS-SE-000001 Rev 01, ICN 01

Handwritten notes:
DMS507
1/1
wm-11

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Enclosures: (continued)

2. Carrier Preparation Building Materials Handling,
SDD-CMH-SE-000001, Rev 01, ICN 01
3. Waste Package Remediation,
SDD-WPR-SE-000001, Rev 01, ICN 01
4. Carrier/Cask Handling,
SDD-CCH-SE-000001, Rev 01, ICN 01
5. Disposal Container Handling,
SDD-DCH-SE-000001, Rev 01, ICN 01
6. Waste Handling Building Electrical,
SDD-HBE-SE-000001, Rev 01, ICN 01
7. Waste Handling Building Ventilation,
SDD-HBV-SE-000001, Rev 01, ICN 01
8. Waste Treatment Building Ventilation,
SDD-TVS-SE-000001, Rev 01, ICN 01
9. Waste Handling Building Fire Protection,
SDD-HBF-SE-000001, Rev 01, ICN 01
10. Site Generated Radiological Waste Handling,
SDD-SRW-SE-000001, Rev 01, ICN 01
11. Pool Water Treatment and Cooling,
SDD-PLS-SE-000001, Rev 01, ICN 01
12. MGR Operations Monitoring and Control,
SDD-OMC-SE-000001, Rev 00, ICN 01
13. Site Fire Protection, SDD-SFP-SE-000001,
Rev 00, ICN 01
14. Compact Disc: System Description Documents

cc w/encls:

K. C. Chang, NRC, Rockville, MD (original encls.)
C. J. Glenn, NRC, Las Vegas, NV

cc w/encl 14 only:

S. H. Hanauer, DOE/HQ (RW-2) FORS
Richard Major, ACNW, Rockville, MD
W. D. Barnard, NWTRB, Arlington, VA
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Budhi Sagar, CNWRA, San Antonio, TX
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J. H. Kessler, EPRI, Palo Alto, CA
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Alan K. Churchill County, Fallon, NV
D. A. Bechtel, Clark County, Las Vegas, NV
Harriet Ealey, Esmeralda County, Goldfield, NV
Leonard Fiorenzi, Eureka County, Eureka, NV
Andrew Remus, Inyo County, Independence, CA
Bonnie Duke, Lander County, Battle Mountain, NV
Jason Pitts, Lincoln County, Caliente, NV
L. W. Bradshaw, Nye County, Pahrump, NV

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cc w/encl 14 only: (continued)

Jackie Wallis, Mineral County, Hawthorne, NV
Jerry McKnight, Nye County, Tonopah, NV
Josie Larson, White Pine County, Ely, NV
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Allen Ambler, Nevada Indian Environmental Coalition, Fallon, NV
J. R. Curtiss, Winston & Strawn, Washington, DC
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