



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

JAN 12 1998

OVERNIGHT MAIL

John T. Greeves, Director
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Two White Flint North
Rockville, MD 20852-2738

TRANSMITTAL OF SUPPORTING VIABILITY ASSESSMENT DOCUMENTATION

Reference: Ltr, Brocoum to Greeves, dtd 1/8/98

As we previously discussed with your staff in a November 19, 1997, U.S. Nuclear Regulatory Commission/U.S. Department of Energy video conference, and in the referenced correspondence, please find enclosed supporting Viability Assessment documentation available through December 1997. We will continue to submit additional relevant documentation as it becomes available.

If you have any questions or need additional information, please contact April V. Gil of my staff at (702) 794-5578.

Stephan Brocoum
Assistant Manager for Licensing

AML:AVG-0771

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Enclosures:

Design Documents

1. VA Design and Review Plan
2. Subsurface Engineered Barrier
Segment Design (Ltr, Snell to Brocoum, 3/25/97)
3. Waste Form Characteristics Report, Rev 1
4. Subsurface Development Design
(Ltr, Snell to Brocoum, 7/30/97)
5. EBS/WP Materials Selection Analysis
(Ltr, Snell to Brocoum, 8/5/97)
6. Reference Design Description for a
Geologic Repository Update

TSPA Documents

7. Unsaturated-Zone Flow Model Expert
Elicitation Project
8. Site Saturated-Zone Site Flow Model
9. First Interim Report - Total System Performance
Assessment Peer Review Panel
10. TSPA-VA Methods and Assumptions
11. Waste Package Degradation Expert Elicitation Project
12. The Site-Scale Unsaturated-Zone Transport
Model of Yucca Mountain
13. Saturated-Zone Radionuclide Transport Model
14. Near-Field and Altered-Zone Environment
Report Volume I: Technical Bases for
EBS Design Rev 1
15. Saturated-Zone Flow and Transport
Expert Elicitation Project

License Application Related Documents

16. Management Plan for the Development of the
License Application for a High-Level Waste
Repository at Yucca Mountain

cc w/encls:

W. D. Barnard, NWTRB, Arlington, VA
Richard Major, ACNW, Washington, DC
S. L. Wastler, NRC, Rockville, MD (2 copies)

cc w/o encls:

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M. K. Cline, MTS, Las Vegas, NV

JAN 12 1998

cc w/o encls: (continued)

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TRW Environmental
Safety Systems Inc.

1180 Town Center Drive
Las Vegas, NV 89134
702.295.5400

WBS: 1.2.5.2
QA: N/A

Contract #: DE-AC01-91RW00134
LV.LIKLA.09/97-097

September 24, 1997

Stephan J. Brocoum
Assistant Manager for Licensing
Yucca Mountain Site Characterization Office
U.S. Department of Energy
P.O. Box 30307
North Las Vegas, NV 89036-0307

Attention: Technical Publications Management

Dear Dr. Brocoum:

Subject: Transmittal of the License Application Management Plan
(Deliverable No. SL300H) (WBS 1.2.5) (Regulatory)

This letter provides Planning and Control System (PACS) Deliverable No. SL300H, Submit the License Application Management Plan. The deliverable provides the management framework within which the License Application will be developed. It includes information such as the document control process for developing the License Application and guidance for the process by which the License Application will be written and reviewed by the Department of Energy and the Management and Operating Contractor. Management oversight of the document development process is addressed. Guidance for the identification and traceability of data and reference documents is provided, as are QA requirements for this information and for the License Application itself.

Comments identified in the QAP 6.2 review of the Draft License Application Management Plan have been resolved, and comment resolution documentation has been provided to the Local Records Center.

Please note that some topics called for in the deliverable statement are not included in the License Application Management Plan. Specifically, the layout of the License Application has been deleted from the document because it is contained in the *Technical Guidance Document for License Application*

LV.LIKLA.09/97-097

September 24, 1997

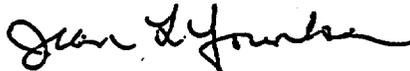
Page 2

Preparation (YMP/97-03). The writing and style guide for the License Application has also been removed from the License Application Management Plan and placed in the Technical Guidance Document. Finally, the schedule for development of the License Application has been deleted from the document to avoid duplicate presentation of information already contained in Project planning documents. These changes were all made as a result of QAP 6.2 comments. Dennis R. Williams and Robert V. Barton concurred with these changes and requested they be noted in this transmittal letter for the deliverable.

Enclosure 1 provides the subject document, Enclosure 2 provides a Deliverable Acceptance Review Request, and Enclosure 3 provides a copy of the PACS Participant Planning Sheets pursuant to YAP-5.1Q.

If you have any questions or comments regarding this document, please contact Kenneth L. Ashe at 295-5563 or Michael L. Scott at 295-4885.

Sincerely,



Jean L. Younker, Manager
Regulatory Operations
Management and Operating Contractor

JLY/gfl

Enclosures:

1. Management Plan for the Development of the License Application for a High-Level Waste Repository at Yucca Mountain
2. Deliverable Acceptance Review Request
3. Participant Planning Sheets

cc w/encls:

KZA K. L. Ashe, M&O, Las Vegas, Nevada
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September 24, 1997

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