



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

OVERNIGHT MAIL

AUG 28 1998

Michael J. Bell, Chief
 Engineering and Geosciences Branch
 Division of Waste Management
 Office of Nuclear Material Safety
 and Safeguards
 U.S. Nuclear Regulatory Commission
 Two White Flint North
 Rockville, MD 20852

TRANSMITTAL OF "TOTAL SYSTEM PERFORMANCE ASSESSMENT-VIABILITY ASSESSMENT (TSPA-VA) ANALYSES TECHNICAL BASIS DOCUMENT, SUMMARY AND CONCLUSIONS"

The U.S. Department of Energy is finalizing the VA of a Repository at Yucca Mountain and its supporting documents. One of the supporting documents is the "TSPA-VA Technical Basis Document, Summary and Conclusions". The Yucca Mountain Site Characterization Office (YMSCO) has received the draft TSPA-VA Technical Basis Document, Summary and Conclusions for final acceptance review, including programmatic policy and publication review. This letter transmits Volume II, Summary and Conclusions of the draft TSPA-VA Technical Basis Document. This document has not undergone policy, programmatic, or publication review, and is provided for information only.

The TSPA-VA Analyses Technical Basis Document, Summary and Conclusions supports Volume 3 of the VA of a Repository at Yucca Mountain by providing documentation of the use of total system models. These models are drawn from process-level models, from subsystem models developed in other performance assessment activities, and from models developed from other data sources, where required, to adequately represent the total system. The total system models are used to analyze radionuclide release and ultimately, the peak concentration, dose, or risk associated with these releases to the biosphere.

DOE expects to complete its acceptance review of the TSPA-VA Analyses Technical Basis Document in about 2 to 4 weeks. Since the document provides preliminary information, the document will not be published or widely distributed. However, copies of the document will be available upon request to YMSCO.

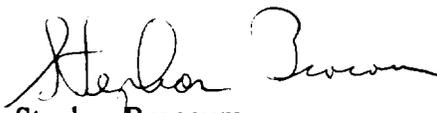
Requests for the Technical Basis Document should be made through established points of contact. Requests from the State of Nevada and the Affected Units of Government should be directed to Allen Benson, Director of the Office of Institutional Affairs, at (702) 794-1322.

9809030307 980828
 PDR WASTE
 WM-3 PDR

1/1
 102.8
 WM-11
 NH 03

AUG 28 1998

Should you have other comments or questions, please contact Mark C. Tynan at (702) 794-5457 or April V. Gil at (702) 794-5578.


Stephan Brocoum
Assistant Manager for Licensing

AML:PRZR-2476

Enclosure:
As stated

cc w/encl:

L. H. Barrett, DOE/HQ (RW-1) FORS
Steve Kraft, NEI, Washington, DC
S. L. Wastler, NRC, Rockville, MD
B. J. Garrick, ACNW, Washington, DC
Richard Major, ACNW, Washington, DC
W. D. Barnard, NWTRB, Arlington, VA
J. K. Kessler, EPRI, Palo Alto, CA
R. R. Loux, State of Nevada, Carson City, NV
John Meder, State of Nevada, Carson City, NV
Jim Regan, Churchill County, Fallon, NV
D. A. Bechtel, Clark County, Las Vegas, NV
Engelbrecht von Tiesenhausen, Clark County,
Las Vegas, NV
Susan Dudley, Esmeralda County, Goldfield, NV
Sandy Green, Eureka County, Eureka, NV
B. R. Mettam, Inyo County, Independence, CA
Tammy Manzini, Lander County, Austin, NV
Jason Pitts, Lincoln County, Pioche, NV
Jackie Wallace, Mineral County, Hawthorne, NV
L. W. Bradshaw, Nye County, Pahrump, NV
Steve Bradhurst, Nye County, Tonopah, NV
Wayne Cameron, White Pine County, Ely, NV
R. I. Holden, National Congress of American
Indians, Washington, DC
Tom Burton, Nevada Indian Environmental
Coalition, Reno, NV
AML Library
Records Processing Center = "208"

cc w/o encl:

A. B. Brownstein, DOE/HQ (RW-52) FORS
C. E. Einberg, DOE/HQ (RW-52) FORS
R. A. Milner, DOE/HQ (RW-40) FORS
Samuel Rousso, DOE/HQ (RW-50) FORS
Nancy Slater, DOE/HQ (RW-52) FORS
M. K. Cline, MTS, Las Vegas, NV
K. L. Ashe, M&O, Las Vegas, NV
M. A. Lugo, M&O, Las Vegas, NV
E. F. O'Neill, M&O, Las Vegas, NV
R. C. Murray, MTS, Las Vegas, NV
J. D. Rosenthal, MTS, Las Vegas, NV
A. B. Benson, DOE/YMSCO, Las Vegas, NV
W. J. Boyle, DOE/YMSCO, Las Vegas, NV
M. G. Brodsky, DOE/YMSCO, Las Vegas, NV
A. V. Gil, DOE/YMSCO, Las Vegas, NV
C. L. Hanlon, DOE/YMSCO, Las Vegas, NV
P. G. Harrington, DOE/YMSCO, Las Vegas, NV
C. M. Newbury, DOE/YMSCO, Las Vegas, NV
D. C. Royer, DOE/YMSCO, Las Vegas, NV
R. E. Spence, DOE/YMSCO, Las Vegas, NV
J. T. Sullivan, DOE/YMSCO, Las Vegas, NV
M. C. Tynan, DE/YMSCO, Las Vegas, NV
D. R. Williams, DOE/YMSCO, Las Vegas, NV