



**DEPARTMENT OF ENERGY**  
Office of Civilian Radioactive Waste Management  
Office of Geologic Disposal  
Yucca Mountain Site Characterization Project Office  
P.O. Box 98608  
Las Vegas, NV 89193-8608

WBS 1.2.5.5  
QA: N/A

APR 20 1994

Robert W. Fri, Chairman  
Committee on Technical Bases for  
Yucca Mountain Standards  
National Research Council  
National Academy of Sciences  
2101 Constitution Avenue, NW  
Washington, DC 20418

TECHNICAL REPORT SUPPORTING EVALUATION OF POTENTIAL ENVIRONMENTAL  
STANDARDS FOR YUCCA MOUNTAIN, NEVADA (SCP: N/A)

Reference: Ltr, Dreyfus to Fri, dtd 4/8/94

Enclosed for your information is the technical report,  
"Calculations Supporting Evaluation of Potential Environmental  
Standards for Yucca Mountain." This report was prepared by the  
Civilian Radioactive Waste Management System Management and  
Operating Contractor (CRWMS M&O) and has been reviewed and  
accepted by the U.S. Department of Energy (DOE). Robert Andrews  
of the CRWMS M&O presented some of the analyses contained in the  
report to your Committee on Technical Bases for Yucca Mountain  
Standards at its December 1993 meeting in Washington, D.C. This  
report provides additional analyses as well as formal  
documentation of the work, which was performed in support of the  
DOE recommendations on environmental standards for Yucca Mountain  
(reference).

If you have any questions, please contact me at (202) 586-5355.

*Stephan Brocum*  
Stephan J. Brocum  
Assistant Manager for  
Suitability & Licensing

AMSL:JMB-3116

Enclosure: *mtc skf*  
"Calculations Supporting Evaluation  
of Potential Environmental  
Standards for Yucca Mountain"

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Robert W. Fri

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cc w/encl:

William Gunter, EPA, Washington, DC

M. V. Federline, NRC, Washington, DC

Ray Wassell, National Research Council,  
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C. A. Johnson, State of Nevada, Carson City, NV

cc w/o encl:

S. P. Nesbit, M&O/Duke, Las Vegas, NV