



Department of Energy

Washington, DC 20585

MAR 10 1993

Mr. Joseph J. Holonich, Director
Repository Licensing & Quality Assurance
Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Holonich:

Enclosed with this letter is a controlled copy of Revision 1 of Study Plan 8.3.1.8.5.1, "Characterization of Volcanic Features." As a minor change, the revision does not undergo a technical review before approval by the Yucca Mountain Site Characterization Project Office.

The majority of the Revision 1 changes are editorial or incorporate new information about background geology gained from ongoing site characterization studies. A few changes were made in direct response to NRC's Detailed Technical Review comments on Study Plan 8.3.1.8.1.1, "Probability of Magmatic Disruption of the Repository." Site Characterization Analysis open items are addressed in a revision to Study Plan 8.3.1.8.1.1, which will be transmitted soon.

The Document Transmittal/Acknowledgement Record for your controlled copy of the study plan should be signed and dated and returned to the Document Control Center in Las Vegas, Nevada.

If you have any questions, please contact Mr. Chris Einberg of my office at 202-586-8869.

Sincerely,

Dwight E. Shelor
Associate Director for
Systems and Compliance
Office of Civilian Radioactive
Waste Management

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Enclosure:
Study Plan 8.3.1.8.5.1,
Revision 1

cc: w\enclosure
Alice Cortinas, CNWRA, San Antonio, TX

cc:
C. Gertz, YMPO
T. J. Hickey, Nevada Legislative Committee
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