



**Department of Energy**  
Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office  
P.O. Box 98608  
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**MAY 22 1996**

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Office of Nuclear Material Safety  
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U.S. Nuclear Regulatory Commission  
Washington, DC 20555

**TRANSMITTAL OF APPROVED YUCCA MOUNTAIN STUDY PLAN 8.3.1.8.1.1,  
"PROBABILITY OF MAGMATIC DISRUPTION OF THE REPOSITORY," REVISION 3  
(SCP: 8.3.1.8.1.1)**

Enclosed is a controlled copy of Study Plan 8.3.1.8.1.1, Revision 3, prepared by the U.S. Department of Energy (DOE) for the Yucca Mountain, Nevada site. The study plan numbers correspond to the same numbers used in the Site Characterization Plan (SCP) for the Yucca Mountain, Nevada, site.

Study plans are prepared, reviewed, and approved under Yucca Mountain Site Characterization Office quality assurance procedures. It should be noted that there may be some inconsistencies in the milestone report titles and schedules given in this study plan and those in the SCP. Study plans, in general, represent a further evolution of the study in the areas related to schedules and milestones relative to the SCP and, as such, represent DOE's current plans.

DOE has reviewed the study plan for consistency with the content requirements for study plans, as given in Attachment 1 to the 1993 DOE/U. S. Nuclear Regulatory Commission Level of Detail agreement and review process for study plans. There are no Site Characterization Analysis open items associated with this study plan.

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

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If you have any questions, please contact Juliana M. Herrington at (702) 794-1312.



Stephan J. Brocoum  
Assistant Manager for  
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AMSP:JMH-1779

Enclosure: (NOT RECORDS MATERIAL)  
Study Plan 8.3.1.8.1.1, Revision 3

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## Instructions/Remarks

Please incorporate changes required per the instructions of this CDI on the effective date noted.

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