



Department of Energy
 Office of Civilian Radioactive Waste Management
 Yucca Mountain Site Characterization Office
 P.O. Box 98608
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APR 24 1995

*Recommend
 plan of action.
 Raj*

Joseph J. Holonich, Chief
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 Recovery Projects Branch
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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 8.3.1.17.3.6,
 "PROBABILISTIC ANALYSES OF VIBRATORY GROUND MOTION AND FAULT
 DISPLACEMENT AT YUCCA MOUNTAIN," REVISION 0 (SCP: 8.3.1.17.3.6
 AND 8.3.1.17.2.1)

Enclosed with this letter is a controlled copy of Study Plan
 8.3.1.17.3.6, Revision 0, prepared by the U.S. Department of
 Energy (DOE) for the Yucca Mountain site. The study plan numbers
 correspond to the same numbers used in the Site Characterization
 Plan (SCP) for the Yucca Mountain 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 (NRC) Level of Detail
 agreement and review process for study plans. No technical
 procedures will be used in conjunction with this study plan; all
 work will be documented in scientific notebooks.

DOE did not identify any Site Characterization Analysis open
 items related to this study plan.

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

If you have any questions, please contact Juliana M. Banks at (702) 794-7203.


Stephen J. Brocoum
Assistant Manager for
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AMSL:JMB-2948

Enclosure:
Study Plan 8.3.1.17.3.6,
Revision 0

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**Probabilistic Analyses of Vibratory Ground Motion and
Fault Displacement at Yucca Mountain**

Study Plan
8.3.1.17.3.6