Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
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TRANSMITTAL OF APPROVED YUCCA MOUNTAIN STUDY PLAN 8.3.1.17.4.12, "TECTONIC MODELS AND SYNTHESIS," REVISION 1 (SCPB: 8.3.1.17.4.12)

Enclosed with this letter is a controlled copy of Study Plan 8.3.1.17.4.12, Revision 1, (enclosure 1) 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 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. As requested, a copy of the Quality Assurance Grading Report (enclosure 2) has been included with this letter.

DOE identified three Site Characterization Analysis (SCA) open items related to this study plan (comments 8, 68, and 69). A summary of how this study plan addresses the SCA items will be addressed in future biannual reports (letter, Brocoum to Holonich, June 23, 1995).

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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.

April V. Gil for

Stephan J. Brocoum
Assistant Manager for
Suitability and Licensing

AMSL:JMB-3743

Enclosures: Mic shelf
1. Study Plan 8.3.1.17.4.12, Revision 1
2. Quality Assurance Grading Report

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