



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
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DEC 19 1994

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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 8.3.1.17.4.1,
"HISTORICAL AND CURRENT SEISMICITY," REVISION 1
(SCPB: 8.3.1.17.4.1)

Enclosed with this letter is a controlled copy of Study Plan
8.3.1.17.4.1, 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 (YMSCO) 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. Enclosure 2 is a
list of technical procedures that will be used in conjunction
with this study plan.

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

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.

YMP-5

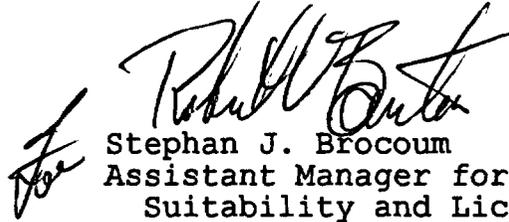
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If you have any questions, please contact Jeanne C. Nesbit at (702) 794-7930.


Stephan J. Brocoum
Assistant Manager for
Suitability and Licensing

AMSP:JCN-948

Enclosures:

1. Study Plan 8.3.1.17.4.1,
Revision 1
2. Technical Procedures

cc w/encl 2:

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cc w/o encls:

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