



Department of Energy

Washington, DC 20585

JUN 22 1992

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

Dear Mr. Holonich:

Enclosed with this letter is a controlled copy of Study Plan
8.3.1.4.2.1 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.

Table with 2 columns: Number, Title. Row 1: 8.3.1.4.2.1, Revision 0; "Characterization of Vertical and Lateral Distribution of Stratigraphic Units within the Site Area"

DOE has reviewed the study plan for consistency with the content
requirements for study plans, as given in Attachment B to the
Summary of the DOE/U.S. Nuclear Regulatory Commission (NRC)
meeting on the Level-of-Detail for the SCP (May 7-8, 1986). DOE
is submitting this plan to NRC as agreed to in the meeting.

As discussed during the DOE/NRC meeting (December 15, 1988) on
study plans, DOE has decided to control preparation and review of
study plans as a quality activity. This study plan was reviewed
under current Yucca Mountain Site Characterization Project Office
(YMPO) and DOE Headquarters quality assurance (QA) procedures.

Study plans prepared under current procedures do not require
detailed information on QA requirements. To satisfy the May 7-8,
1986, DOE/NRC SCP meeting agreement to provide specific QA
requirements, current study plans indicate that applicable QA
criteria will be specified in Yucca Mountain Site
Characterization Project QA Grading Reports, which are issued as
separate controlled documents.

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It should also 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 requests an expedited Phase I review of this study plan, particularly in regard to Activity 8.3.1.4.2.1.2, "Surface based geophysical surveys." DOE's current schedule is to start field work covered by Activity 8.3.1.4.2.1.2 by August 15, 1992. If possible, please notify DOE of any concerns or objections identified with the study before that date.

If you have any questions, please contact either Chris Einberg at (202) 586-8869 or Sharon Skuchko at (202) 586-4590 of my office.

Sincerely,



John P. Roberts
Acting Associate Director for
Systems and Compliance
Office of Civilian Radioactive
Waste Management

Enclosure: *on the shelf*
Study Plan 8.3.1.4.2.1, Revision 0, "Characterization of Vertical and Lateral Distribution of Stratigraphic Units within the Site Area"

cc w/Enclosure:
Arturo Ramose, CNWRA, San Antonio, TX

cc w/o Enclosure:

C. Gertz, YMPO
R. Loux, State of Nevada
M. Baughman, Lincoln County, NV
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