



## Department of Energy

Washington, DC 20585

JUN 5 1992

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

Dear Mr. Holonich:

Enclosed with this letter is a controlled copy of Study Plan 8.3.1.2.3.2 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.

<u>Number</u>	<u>Title</u>
8.3.1.2.3.2	"CHARACTERIZATION OF THE YUCCA MOUNTAIN SATURATED-ZONE HYDROCHEMISTRY"

DOE has reviewed this 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 U.S. Department of Energy/Headquarters (DOE/HQ) 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.

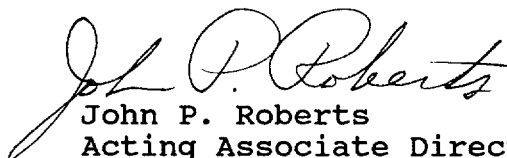
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It should also be noted that there may be some inconsistencies in the milestone report titles and schedules given in this Study Plan and those in the SCP. Study Plans, in general, represent a further evolution of the study in the areas related to schedules and milestones relative to the SCP and, as such, represent DOE's current plans.

If you have any questions, please contact Mr. Chris Einberg of my office at 202-586-8869.

Sincerely,



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

Enclosure: *See the sheep*  
Study Plan 8.3.1.2.3.2, "Characterization of the Yucca Mountain Saturated-Zone Hydrochemistry"

cc w/Enclosure:  
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