

ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9301270142 DOC.DATE: 93/01/21 NOTARIZED: NO DOCKET #

FACIL:

AUTH.NAME AUTHOR AFFILIATION

ROBERTS,J.P. Energy, Dept. of

RECIP.NAME RECIPIENT AFFILIATION

HOLONICH,J.J. Repository Licensing & Quality Assurance Project Director R

SUBJECT: Forwards Rev 1 to Study Plan 8.3.1.2.2.4, "Characterization
of Yucca Mountain Unsaturated Zone in Exploratory Studies
Facility." I

DISTRIBUTION CODE: NH03T COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 3 + 120 D

TITLE: High Level Waste Tech Info re NNWSI Sites - General S

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	HOLONICH,J.J...	1 1		
INTERNAL:	ACNW	6 6	NMSS/HLGE 4H3	1 1
	NMSS/HLHP 4H3	1 1	NMSS/HLPD 4-H-3	4 4
	OGC/HDS3/HLW	1 1	<u>REG FILE</u> 01	1 1
EXTERNAL:	CNWRA	1 1	NRC PDR	1 1
	NUDOCS FULL TXT	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
LISTS FOR DOCUMENTS YOU DON'T NEED!

FULL TEXT CONVERSION REQUIRED
TOTAL NUMBER OF COPIES REQUIRED: LTTR 18 ENCL 18



Department of Energy

Washington, DC 20585

JAN 21 1993

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 8.3.1.2.2.4, Revision 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.

<u>Number</u>	<u>Title</u>
8.3.1.2.2.4, R1	"Characterization of the Yucca Mountain Unsaturated Zone in the Exploratory Studies Facility"

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 U.S. Department of Energy/Headquarters quality assurance (QA) 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.

Revision 1 of Study Plan 8.3.1.2.2.4 represents a thorough updating of Revision 0, which was transmitted to the NRC in February 1989. Revision 1 describes the plans for four activities to be performed in and adjacent to the Yucca Mountain Exploratory

102.8
WM-11
N403

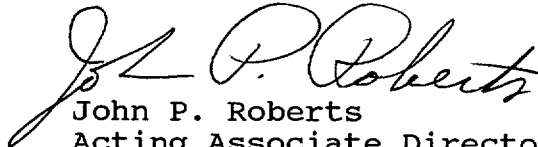
Studies Facility (ESF) during construction. Activity 8.3.1.2.2.4.9, "Multipurpose boreholes testing near the exploratory shafts," which was described in Revision 0, was deleted from Revision 1 because the ESF will no longer be accessed by exploratory shafts. The remaining activities describing other tests that will be required later in the construction of the ESF and in the main test level are to be included in subsequent revisions to the study plan. The ESF north ramp starter tunnel construction is expected to begin in April 1993. Therefore, DOE is requesting that NRC advise DOE of the results of its Phase I review of Revision 1 by March 31, 1993.

DOE wishes to call NRC's attention Site Characterization Analysis (SCA) Open Items 21 and 22, which were directed to Study 8.3.1.2.2.4. Study Plan 8.3.1.2.3.2 (transmitted to the NRC on June 5, 1992) provides the basis to explicitly address these concerns, therefore, DOE regards these SCA items as resolved. SCA Open Item 15, which was also directed to Study 8.3.1.2.2.4, will be addressed in the subsequent study plan revisions.

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.

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: *on the shelf*
Study Plan 8.3.1.2.2.4, R1

cc: w\enclosure
Alice Cortinas, CNWRA, San Antonio, TX

cc: w\o enclosure
C. Gertz, YMPO
R. Loux, State of Nevada
T. Hickey, Nevada Legislative Commission
M. Baughman, Lincoln County, NV
J. Bingham, Clark County, NV
B. Raper, Nye County, NV
P. Niedzielski-Eichner, Nye County, NV
G. Derby, Lander County, NV
P. Goicoechea, Eureka, NV
C. Schank, Churchill County, NV
F. Mariani, White Pine County, NV
V. Poe, Mineral County, NV
E. Wright, Lincoln County, NV
J. Pitts, Lincoln County, NV
R. Williams, Lander County, NV
J. Hayes, Esmeralda County, NV
B. Mettam, Inyo County, CA
C. Abrams, NRC