



Department of Energy

Washington, DC 20585

MAY 3 1989

John Linehan, Director
Repository Licensing and Quality
Assurance Project Directorate
Division of High-Level
Waste Management
Office of Nuclear Materials
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Linehan:

Enclosed is an update of the schedule for the transmittal of Study Plans which was initially provided to you at our December, 15, 1988, meeting on the topic. This schedule represents our current best estimate based on the status of Study Plans currently in the preparation or review process. We will continue to keep you advised of the status of the development of documents.

Questions regarding this transmittal should be addressed to me at 586-1462.

Sincerely,

Gordon Appel, Chief
Licensing Branch
Office of Civilian Radioactive
Waste Management

Enclosure: Schedule for Study Plan Submittal to the NRC,
dated 4/28/89

cc: K. Stablein, NRC
R. Loux, State of Nevada
C. Johnson, State of Nevada
S. Bradhurst, Nye County, NV
D. Bechtel, Clark County, NV
M. Baughman, Lincoln County, NV

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SCHEDULE FOR STUDY PLAN SUBMITTAL
TO THE NRC

4/28/89

<u>NUMBER</u>	<u>TITLE</u>	<u>STATUS</u>	<u>ESTIMATED DATE TO THE NRC</u>
8.3.1.2.1.3	CHARACTERIZATION OF THE GROUND-WATER FLOW SYSTEM	IN PREP	9/89
8.3.1.2.2.1	CHARACTERIZATION OF THE UNSATURATED ZONE INFILTRATION	IN PREP	10/89
8.3.1.2.2.2	WATER MOVEMENT TEST	SENT	2/89
8.3.1.2.2.3	CHARACTERIZATION OF PERCOLATION IN THE UNSATURATED ZONE-SURFACE- BASED STUDY	IN REVISION	6/89
8.3.1.2.2.4	CHARACTERIZATION OF YUCCA MOUNTAIN PERCOLATION IN THE UNSATURATED ZONE-ESF INVESTIGATIONS	SENT	2/89
8.3.1.2.2.7	HYDROCHEMICAL CHARACTERIZATION OF THE UNSATURATED ZONE	IN REVISION	7/89
8.3.1.2.3.1.1-.6	CHARACTERIZATION OF THE SITE SATURATED-ZONE GROUND-WATER FLOW SYSTEM, (ACTIVITIES 1-6)	IN PREP	10/89
8.3.1.2.3.1.7	REACTIVE TRACER EXPERIMENTS IN THE C-WELLS	IN REVIEW	6/89
8.3.1.3.2.1	MINERALOGY, PETROLOGY, AND CHEMISTRY ALONG TRANSPORT PATHWAYS	IN REVISION	5/89
8.3.1.3.2.2	HISTORY OF MINERALOGIC AND GEOCHEMICAL ALTERATION OF YUCCA MOUNTAIN	IN REVIEW	6/89
8.3.1.3.4.1	BATCH SORPTION STUDIES	IN REVIEW	7/89
8.3.1.4.2.2	CHARACTERIZATION OF THE STRUCTURAL FEATURES WITHIN THE SITE AREA	SENT	2/89
8.3.1.5.2.1	CHARACTERIZATION OF THE QUATERNARY REGIONAL HYDROLOGY	IN REVIEW	6/89

<u>NUMBER</u>	<u>TITLE</u>	<u>STATUS</u>	<u>ESTIMATED DATE TO THE NRC</u>
8.3.1.15.1.3	LABORATORY DETERMINATION OF THE MECHANICAL PROPERTIES OF INTACT ROCK	IN REVIEW	5/89
8.3.1.15.1.5	EXCAVATION INVESTIGATIONS	SENT	2/89
8.3.1.15.2.1	CHARACTERIZATION OF THE SITE AMBIENT STRESS	SENT	2/89
8.3.1.17.4.1	HISTORIC AND CURRENT SEISMICITY	IN PREP	9/89
8.3.1.17.4.2	LOCATION AND RECENCY OF FAULTING POTENTIAL NEAR PROSPECTIVE SURFACE FACILITIES	IN REVIEW	5/89
8.3.1.17.4.6	QUATERNARY FAULTING WITHIN THE SITE AREA	IN REVIEW	6/89