

SEP 14 1993

MEMORANDUM FOR: Joseph J. Holonich, Director
Repository Licensing and Quality Assurance
Project Directorate
Division of High-Level Waste Management

FROM: Charlotte Abrams, Senior Project Manager
Repository Licensing and Quality Assurance
Project Directorate
Division of High-Level Waste Management

SUBJECT: FORTHCOMING NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF
ENERGY (DOE) TECHNICAL EXCHANGE ON THE EXPLORATORY STUDIES
FACILITY*

DATES: October 4 and 5, 1993

TIME: 8:00 a.m. - 5:00 p.m.

LOCATION: San Tropez Hotel Convention Center
455 E. Harmon Ave.
Las Vegas, Nevada
(702) 369-5400

PURPOSE: To hold discussions on DOE activities related to the
Exploratory Studies Facility design and design control
process. See enclosed agenda.

PARTICIPANTS:

<u>NRC</u>	<u>DOE</u>	<u>State of Nevada</u>
C.Abrams	C.Einberg	C.Johnson
J.Holonich	T.Petrie	
R.Ballard		

- * Meetings and technical exchanges between NRC and DOE are open to members of the public, Petitioners, intervenors, or other interested parties wishing to attend as observers pursuant to the spirit of "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, dated June 28, 1978, which details the open meeting policy for applicants and licensees.

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Meeting Notice

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Affected Local Governments

M. Murphy, Nye County, NV
D. Bechtel, Clark County, NV
V. Poe, Mineral County, NV
C. Schank, Churchill County, NV
R. Williams, Lander County, NV
B. Mettam, Inyo County, CA

M. Baughman, Lincoln County, NV
F. Sperry, White Pine County, NV
P. Niedzielski-Eichner, Nye County, NV
L. Fiorenzi, Eureka County, NV
J. Hoffman, Esmeralda County, NV
L. Bradshaw, Nye County, NV

Charlotte E. Abrams, Senior Project
Manager
Repository Licensing and Quality Assurance
Project Directorate
Division of High-Level Waste Management

Enclosure: As stated

cc: S. Goldberg, OMB
D. Weigel, GAO
F. Parker, NAS
W. Barnard, NWTRB
A. Kadak, YAEC
R. Newlin, OPA

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AGENDA
U.S. DEPARTMENT OF ENERGY - U.S. NUCLEAR REGULATORY COMMISSION
TECHNICAL EXCHANGE ON EXPLORATORY STUDIES FACILITY
October 4-5, 1993
San Tropez Hotel Convention Center
455 E. Harmon Ave.
Las Vegas, NV
8:00 a.m. - 5:00 p.m.

October 4, 1993

Opening remarks

DOE, NRC, STATE OF NV.
AFFECTED COUNTIES

NRC/OCRWM COMMUNICATIONS

DOE

Site Characterization Program Baseline
Semiannual Progress Report (PR 6&7 C2)
NRC On-Site Licensing Representatives
ESF Design Reviews
Technical Exchanges
Suggestions for improving communications

DESIGN STRATEGY

DOE

Background
Option 30 and Modified Option 30
Title I Design Summary Report
ESF Technical Baseline
Modifications to Title I Baseline and
Control Process
Connection to Title II Design

BREAK

DESIGN/CONSTRUCTION PROCESS AND DESIGN CONTROL
IMPROVEMENT PLAN

DOE

PROPOSED ESF DESIGN CHANGES

DOE

LUNCH

DESIGN/CONSTRUCTION PLAN

DOE

Phases
Design and Construction Sequence
Surface
Subsurface

DOE REQUIREMENTS HIERARCHY THROUGH ESFDR (SCA 130C) DOE
 Document Description - Old/New
 Transition Plan

ARCHITECT/ENGINEER REQUIREMENTS HIERARCHY DOE
 Transition RSN/M&O
 Basis for Design

BREAK

DETERMINATION OF IMPORTANCE EVALUATIONS DOE
 Q-List (PR 6&7 C3)
 Importance to Safety
 Importance to Waste Isolation
 Importance to Test Interference
 Analyses That Have Been Completed

October 5, 1993

SELECTED DESIGN ISSUES

ESF VENTILATION IMPACT ON TESTING (SCA 123C and PR 6&7 Q1) DOE

FIRE SUPPRESSION DOE

IMPACT OF UNDERGROUND DIESEL EMISSIONS IN ESF DOE

RESULTS OF ESF TECHNICAL ASSESSMENT FOR SEISMIC DESIGN DOE
 BASIS (SCA 121C)

ROOF BOLTS AND GROUND CONTROL OPTIONS DOE

BREAK

ESF WATER STORAGE TANKS, WASTE LAGOON, AND SEPTIC FIELD DOE
 (SCA 55Q)

FLEXIBILITY OF ESF TO ACCOMMODATE IN SITU TESTING OF WASTE DOE
 PACKAGE (SCA 58Q)

LUNCH

DESIGN INTERFACES
 ESF/Geologic Repository Operation Area Interfaces DOE
 Connectivity Between Waste Package, Repository
 Alternative Conceptual Designs, and ESF
 Surface Based Testing/Underground Test Interfaces

CONSTRUCTION STATUS

DOE

**Construction, Construction Inspections, and Title III
Inspections (Items Important to Safety, Waste
Isolation, and Test Interference)
Inspection Documents
Photographs**

BREAK

OPEN DISCUSSION

ALL

CLOSING REMARKS

**DOE, NRC, STATE OF NV,
AFFECTED COUNTIES**

ADJOURN

NOTE: TIME WILL BE ALLOTTED FOR DISCUSSION FOLLOWING EACH AGENDA TOPIC