



Department of Energy

Washington, DC 20585

OCT 27 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:

The U.S. Department of Energy's "Exploratory Studies Facility Design Requirements Document" (ESFDRD) establishes the requirements and constraints imposed on the development of the design for the Exploratory Studies Facility (ESF) for surface and underground facilities, underground openings, utilities, and services that are part of the ESF required to support subsurface in situ tests specified in the Site Design and Test Requirements Document. The ESFDRD includes requirements for both surface and underground construction, utilities and other services. This document also captures all of the appropriate requirements from the previous ESFDRD.

This uncontrolled copy of the ESFDRD is sent to you at this time because a subsequent transmittal will be made shortly showing where three Site Characterization Analysis open items are addressed in this document. A letter explaining the role of all of the newly approved documents in the Yucca Mountain Site Characterization Project Offices' technical/regulatory document hierarchy will also be sent to you shortly.

If you have any questions, contact Chris Einberg of my staff at (202) 586-8869.

Sincerely,

John P. Roberts
Dwight E. Shelor
Associate Director for

Systems and Compliance
Office of Civilian Radioactive
Waste Management

010062

Enclosure: the ESFDRD *enclosure on shelf*
(NOT RECORD MATERIAL)

9311010234 931027
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cc w/enclosure:

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YMP-116-R1
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**YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT
DOCUMENT TRANSMITTAL/ACKNOWLEDGMENT RECORD**

WBS: _____
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Page 1 of 1

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DOCUMENT REVISION: 0 **DOCUMENT IDENTIFICATION NUMBER:** YMP/CM-0019

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