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Exploratory Shaft (ES) Issues

DRAFT

- I. Selection Rationale and Criteria for Siting and Constructing ES
 - A. Location of ES
 1. Technical selection factors (representativeness of repository area)
 2. Ranking of technical factors
 - B. Construction Method
 1. Technical selection factors
 2. Ranking of technical factors
- II. Selection Rationale and Criteria Used to Determine Subsurface Layout and Space Requirements
 - A. Underground test plan needed to support Site Characterization
 - B. Rationale used to support number and type of tests.
 - C. Post License Application Testing Needs
- III. Repository Interface with ES
 - A. Relationship of ES with the repository
 - B. Use of ES during repository construction
- IV. Plans and Provisions to Control any Adverse, Safety-Related Effects from ES
 - A. Identification of Potential Impacts on Site
 1. Drilling/Excavation Methods.
 2. Liner/sealing approach and impacts on post-closure sealing
 3. Effects on post-closure sealing capability
 - a. Analysis of potential effects of construction on post-closure seals and site performance
 - b. Analysis of potential effects of testing on post-closure seals and site performance
- V. Quality Assurance Program
 - A. Line of responsibility for implementing QA for the ES
 - B. Procedures (technical and QA) which have been developed for the ES
 - C. QA Program audits and surveillance for ES activities
 - D. Exploratory Shaft Q-list Items

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Proposed Agenda

July 18, 1985

NRC-DOE Meeting on Generic ESF
Design/Construction Issues
And Underground Test Plan

DRAFT

Location: Willste Building
Silver Spring, Maryland

Date: Thursday, July 18, 1985

Purpose: Identification of the ESF design, construction and testing issues.

- Introduction (DOE/NRC) 8:30 AM
- DOE Overview 9:00 AM
 - DOE list of current ESF design assumptions
 - DOE list of major design, construction, testing issues.
- Comments/discussion of generic issues (DOE-NRC) 10:00 AM
- LUNCH 12:00 PM
- Continue comments/discussion of major generic issues (DOE-NRC) 1:00 PM
- DOE presentation/overview of planned site-specific meetings 2:00 PM
 - NNWSI
 - BWIP
 - SRPO
- Agreements 4:00 PM

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Headquarters/OCRWM

FROM: Dean Stucker

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