

<b>CONVERSATION RECORD</b>			TIME 3:00-4:00pm	DATE July 11, 1985
TYPE	<input type="checkbox"/> VISIT	<input type="checkbox"/> CONFERENCE	<input checked="" type="checkbox"/> TELEPHONE	
Location of Visit/Conference: <u>Room 276-SS</u>			<input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING	
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU		ORGANIZATION (Office, dept., bureau, etc.)	TELEPHONE NO.	
<u>Mark Frei and Dean Stucker</u>		<u>DOE</u>	<u>252-9322</u>	
SUBJECT <u>Proposed DOE/NRC Meeting on Generic Exploratory Shaft Design/ Construction, Licensing Issues, and the ESTP, July 18, 1985</u>				
SUMMARY <u>Mysore Nataraja, Dinesh Gupta and Maxine Dunkelman attended the pre-arranged tele-conference with the DOE.</u>				

The following is a summary of key discussions:

1. The NRC suggested that the title of DOE's list of "Exploratory Shaft (ES) Issues" be changed to "Exploratory Shaft (ES) Topics". This change is likely to avoid any confusion with the hierarchy of "Issues" being proposed for tracking at the NRC and DOE. The DOE agreed.
2. The NRC suggested that the ES Topics list be modified to add some additional relevant topics. The suggested additions are shown on the attached marked-up copy.
3. DOE said that the modified topics list would be sent to the NRC on July 12, 1985.

WM Record File <u>109.4</u>	WM Project <u>1</u>
	Docket No. _____
	PDR <input checked="" type="checkbox"/>
	LPDR _____
Distribution: _____	<u>GORN</u>
(Return to WM, 623-SS)	

**ACTION REQUIRED**

After receiving the revised list of ESF Topics from DOE, the NRC will review it for possible use as bases for discussion on July 18, 1985 meeting.

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
<u>Dinesh C. Gupta</u>		<u>July 11, 1985</u>

ACTION TAKEN		
<u>8509030116 850711</u>		
<u>PDR WASTE</u>		
<u>WM-1 PDR</u>		
SIGNATURE	TITLE	DATE

Topics  
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 types of tests/ *coupled effects testing.*
  - C. ~~Post License Application Testing Needs~~ *Performance Confirmation Testing Needs*
  - D. Rationale for deciding extent of drifting and representativeness of tested volume
  
- 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
  - B. *Potential to preclude acquisition of adequate information needed for site characterization*
  
- 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~~

Distribution:

WM file ✓

MKnapp, WMGT

HMiller, WMRP

JBunting, WMPC

JLinehan, WMRP

JKennedy, WMRP

MDunkelman, WMRP

KStablein, WMRP

RJohnson, WMRP

DGupta

PDR

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