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July 22, 1985

John J. Linehan, Section Leader
Salt Section
Repository Projects Branch
Division of Waste Management, MS 623-SS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

WM Record File
106

WM Project 16
Docket No. _____

PDR
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Linehan Johnson
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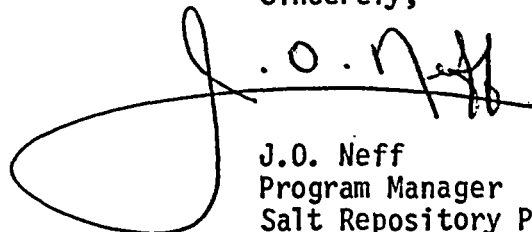
Dear Mr. Linehan:

SUBJECT: PLANNED AGENDA FOR CORE EXAMINATION AT THE TEXAS BUREAU OF ECONOMIC GEOLOGY (AUGUST 5-7, 1985)

Attached is SRPO's proposed agenda for the meeting in Austin, Texas on August 5-7, 1985. This meeting will be primarily an opportunity for NRC staff to view the drill core recovered to date as part of our Permian Basin studies. The perspectives gained from this "hands-on" experience will be useful in preparing for the Permian Basin data review scheduled for later this year. The oral presentations shown on the agenda are meant to provide useful background, and to describe the scope of studies carried out on the drill core. Because of potential conflicts with the preparation of final Environmental Assessments by SRPO, there may be some last minute changes to the scope, or presenters, of these topical discussions. The agenda does not include specific time periods for QA discussions as it was felt that these sessions could be held separately.

Please let me know if you have problems with the scheduling of the meeting.

Sincerely,


J.O. Neff
Program Manager
Salt Repository Project Office

SRPO:TAB:max:8056B

Enclosure:
As Stated

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PDR WASTE PDR
WM-16

J. Linehan
Page 2

cc: T. Baillieu1, SRPO
J. Sherwin, SRPO
L. Casey, SRPO
A. Avel, SRPO
T. Verma, NRC
J. Trapp, NRC
W. Newcomb, ONWI
O. Swanson, ONWI
D. Dawson, ONWI
C. Head, DOE-HQ

GS# 441-85

PERMIAN BASIN CORE EXAMINATION
PLANNED AGENDA

August 5

1:00 p.m.	Introductions	J. Sherwin (SRPO) E. Bingler (TBEG)
1:30 p.m.	Opening remarks and expectations of meeting.	J. Sherwin (SRPO) J. Trapp (NRC)
2:00 p.m.	Overview of the Palo Duro Basin, current understandings of structural and sedimentological history.	TBD (SWEC)
3:00 p.m.	Origin of the Permian evaporites, with emphasis on LSA 4.	TBD (SWEC)
4:00 p.m.	Palo Duro Basin stratigraphic section, locations of DOE test holes, regional correlations of major units.	S. Hovorka (TBEG)

August 6

8:15 a.m.	Reconvene	
8:30 a.m.	Geologic logging of DOE drill holes, detailed logs of repository horizon (Lower San Andres Unit 4), geologic cross-sections, correlation of formations and units, description of rocks present in the core, with emphasis on evaporite section and host salt beds.	S. Hovorka (TBEG)
9:30 a.m.	Presentation on available material related to DOE drill hole logs: lithologic logs; geophysical logs; applicable reports and data; correlations of geophysical logs with core; applications of geophysical logging to stratigraphic analysis.	S. Adams (ONWI)
10:30 a.m.	Development of geotechnical logs based on mechanical properties, geophysical logging and visual core logging-correlated with test results performed on drill core; index of laboratory testing for mechanical properties of rock mass; in-situ stress measurements.	T. Lamb (SWEC)
11:30 - 12:30 p.m.	LUNCH	

PERMIAN BASIN CORE EXAMINATION
PLANNED AGENDA
(Continued)

August 6 (Continued)

12:45 p.m. Reconvene at Balcones Research Center
and proceed to core repository.
Core examination:
Grabbe #1
J. Friemel #1
Zeeck #1 - LSA Unit 4
One dissolution well - TBD

There is not enough table space for
all listed core sections to be laid
out simultaneously; over two days all
core will be available.

August 7

8:15 a.m. Reconvene at Balcones Research Center
Proceed to core repository.

8:30 a.m. Core examination continues.

12:00 - 1:00 p.m. LUNCH

1:15 p.m. Review of status of Palo Duro Studies; TBEG
published references; on-going work; SWEC
data availability. ONWI
SRPO

4:00 p.m. Propose topics/agenda for Permian
Basin data review.

4:30 p.m. Prepare summary of meeting. J. Sherwin (SRPO)
J. Trapp (NRC)

LIST OF SRP EXPECTED PARTICIPANTS

DOE

J. Sherwin

ONWI

W. Newcomb
C. Kuntz
H. Hume
A. Funk
S. Adams

SWEC

E. Washer
J. Peck
P. Murphy
T. Lamb