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(Return to WM, 623-SS)

SEP 7 1984

Mr. Jefferson O. Neff  
 Program Manager  
 Salt Repository Projects Office  
 Department of Energy  
 505 King Avenue  
 Columbus, Ohio 43201-2693

Dear Mr. Neff:

SUBJECT: REQUEST FOR NRC REVIEW OF PROPRIETARY GEOPHYSICS DATA FROM THE GIBSON  
 DOME AREA, PARADOX BASIN

During the past month NRC staff members have discussed with your staff plans for an NRC review of proprietary geophysics data from the Gibson dome area of the Paradox basin. We would like to conduct this data review during October 16-17, 1984, which is the time period SRPO proposed. I have enclosed our proposed agenda and a list of specific data of interest. This agenda and data list was telefaxed to L. Casey on August 7, 1984 and discussed with members of your staff. As with all of our data reviews we are only concerned with reviewing the data and supporting documentation. We will not be discussing the interpretations of the data or questioning the reliability of the data or methods used in its collection and analysis.

Please let us know if you have any comments or suggestions concerning this data review and its agenda.

Sincerely,

"ORIGINAL SIGNED BY"

John J. Linehan, Section Leader  
 Salt Section  
 Repository Projects Branch  
 Division of Waste Management

Enclosure:

Agenda and data list for Paradox basin geophysics data review

cc: w/enclosure

L. Casey, SRPO

T. Verma, NRC

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## Enclosure 1

## PROPOSED AGENDA

## REVIEW OF PROPRIETARY GEOPHYSICS DATA IN THE GIBSON DOME AREA, PARADOX BASIN

DATE: October 16 to 18, 1984

Place: Woodward-Clyde offices, San Francisco or Walnut Creek

Purpose: Review data and supporting documentation utilized in the preparation of draft report titled "SEISMIC REFLECTION, GRAVITY AND AEROMAGNETIC STUDIES OF THE GEOLOGIC STRUCTURE IN THE GIBSON DOME AREA, SOUTHWESTERN PARADOX BASIN"

<u>Time</u>	<u>Subject</u>	<u>Personnel</u>
9:00 October 16	Introduction Attendees Purpose/objectives	All NRC
9:15 October 16	Overview on data collection, processing and analysis procedures used for seismic, gravity and aeromagnetic data.	WCC/ONWI
10:00 October 16 to 3:00 October 18	Review of data*	NRC/Western
3:00 October 18	Preparation of meeting notes	All
4:00 October 18	Adjourn	

## Attendees:

J. Trapp	NRC
R. Lee	NRC
B. Rice	NRC
V. Murphy	Western Geophysical
J. Imse/E. Levine	Western Geophysical

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\* During the review of data the NRC would appreciate the possibility of discussing specific questions regarding how the data was processed and analyzed as the needs arise. To this end we would like to either have personnel on standby from WCC, or set up certain times each day when specific questions could be answered. Questions regarding interpretations are not a part of this data review.

DATA OF SPECIFIC INTEREST

1. Seismic lines in the vicinity of the proposed sites and through the Shay-Bridger Jack-Salt Creek Graben area to include lines 33, 34, 35, 36, 37, and 43.
2. Lockhart Basin seismic line to include lines 38 and 39.
3. Data for areas of aeromagnetic anomalies as shown on figure 4-12.
4. Data for the gravity profiles show on figure 4-6 to 4-9.