

See pocket 2 for encl.



**Department of Energy**  
Salt Repository Project Office  
110 North 25 Mile Avenue  
Hereford, Texas 79045

WM Project 10  
Docket No. \_\_\_\_\_  
PDR ☒  
LPDR ☒ (B)

Distribution:

July 21, 1987 JSL w/encl. Gillen Carlson

(Return to WM, 623-SS)

CC: FROSS

fcg

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

Dear Mr. Linehan:

SUBJECT: REQUEST FOR DRAFT SRP DOCUMENTS

- References:
- 1) Letter, Linehan to Neff, dated June 12, 1987, requesting draft hydrogeologic testing plans prepared by S. Papadopolus for the shallow hydronests and the ESF monitoring wells, and a draft UNC report on noble gases in Palo Duro brines.
  - 2) Memorandum, R.E. Bray to J. Sherwin, dated December 2, 1986, with attached figures and tables from report on isotopic study of noble gases in Palo Duro brines and mass spectrometer operation procedures.

This letter is in response to your letter of June 12, 1987, requesting hard copies of three draft reports (referenced above) that had been examined by Mr. Fred Ross of the NRC during his assignment as NRC on-site representative to SRPO.

Copies of the following documents are attached:

1. "Hydrogeologic Testing Plan for Shallow Hydro Nest Test Wells, Deaf Smith County Site, Texas," draft Topical Report, January, 1987 by S.S. Papadopolus and Associates, Inc.
2. "Hydrogeologic Testing Plan for Exploratory Shaft Monitoring Wells, Deaf Smith County Site, Texas," draft Topical Report, November, 1986, by S.S. Papadopolus and Associates, Inc.
3. Data Tables from "History of Deep Basin Brines in the Palo Duro Basin, Texas: Application of Noble Gas Results to the Hydrochemical System," revised draft UNC report formerly entitled "Noble Gas Composition of Deep Brines from the Palo Duro Basin, Texas," by A. Zaikowski, B. Kosanke, and N. Hubbard, and uncontrolled copy of "Operation Procedures for BFEC Mass Spectrometer System," dated March 10, 1986.

WM DOCKET CONTROL  
CENTER



8712040481 870721  
PDR WASTE  
WM-10 PDR

88132256

WM Project: WM-10

PDR w/encl

(Return to WM, 623-SS)

WM Record File: 106

LPDR w/encl

Celebrating the U.S. Constitution Bicentennial — 1787-1987

1683

July 21, 1987

Please note that, although the information contained within the hydrology testing plans has been incorporated into the Site Study Plans for Shallow Hydronest Test Wells and Shaft Monitoring Wells, these draft reports are not draft Site Study Plans. The draft reports attached to this transmittal provide technical details which are being utilized in development of the SRP plans for the shallow hydronest test wells and the exploratory shaft monitoring wells. The Site Study Plans, which describe the planned work as it is integrated into our overall program, have not been approved at present.

The draft UNC report, "Noble Gas Isotopic Study of Deep-Basin Brines," is in the process of final revision following technical review. The revised report should be available by the end of the fiscal year. Data tables from that report, and an uncontrolled copy of the procedures used to generate the data, are enclosed for your information pending approval of the final report.

Please contact Susan Heston of my staff at (FTS) 976-5916 with any questions.

Sincerely,



*for* J.O. Neff  
Project Manager  
Salt Repository Project Office

SRPO:SLH:max:1128JS

Enclosures:  
As Stated

cc: G. Appel, SRPO, w/o encl.  
R. Wunderlich, SRPO, w/o encl.  
V. Adams, SRPO, w/encl.  
R. Stein, RW-23, w/o encl.  
J. Knight, RW-24, w/o encl.  
O. Thompson, RW-242, w/encl.  
D. Gillen, NRC, w/o encl.  
F. Ross, NRC, w/o encl.  
S. Frishman, TX, w/encl.  
S. Zimmerman, TX, w/encl.  
D. Vieth, NNWSI, w/o encl.  
J. Anttonen, BWIP, w/o encl.

170-87-RC