

AUG 10 1990

- 1 -

Mr. Ralph Stein, Associate Director
for Systems Integration and Regulations
Office of Civilian Radioactive Waste Management
U.S. Department of Energy, RW-30
Washington, D.C. 20585

Dear Mr. Stein:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO COMPUTER CODE MODFE

In my September 5, 1989 letter to you I requested a number of computer codes and associated documentation. Among the codes requested was MODFE, a U.S. Geological Survey (USGS) finite-element modular code. This code was the main computational tool used to support the USGS Water Resources Investigations (WRI) Report 84-4349, entitled "Finite-Element Simulation of Ground-Water Flow in the Vicinity of Yucca Mountain, Nevada-California." Using this code, a two-dimensional regional model was developed for the groundwater flow system that includes the Yucca Mountain site.

As a follow-up to my earlier letter, I am now requesting some additional information related to MODFE, namely: (1) the baseline condition input data set used to construct the two-dimensional model mentioned above; (2) a copy of the MODFE code version used to perform the original simulations, including a copy of the model output; and (3) a copy of any available documentation for the code version used.

If you have any questions about this request, please contact King Stablein (FTS 492-0446) of my staff.

Sincerely,

151

John J. Linehan, Director
Repository Licensing and Quality
Assurance Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety
and Safeguards

- cc: R. Loux, State of Nevada
- C. Gertz, DOE/NV
- A. Simmons, DOE/NV
- S. Bradhurst, Nye County, NV
- M. Baughman, Lincoln County, NV
- D. Bechtel, Clark County, NV
- D. Weigel, GAO
- L. Hayes, USGS
- W. Wilson, USGS
- D. Gillies, USGS
- J. Czarnecki, USGS

FULL TEXT ASCII SCAN

DISTRIBUTION

CNWRA	NMSS R/F	HLPD R/F	LSS
LPDR	ACNW	PDR	Central File
REBrowning, HLWM	BJYoungblood, HLWM	JBunting, HLEN	JLinehan, HLPD
RBallard, HLGP	On-Site Reps	NStablein, HLPD	NColeman, HLGP

OFC : HLPD : HLPD :

NAME: *AKS* Stablein : *JL* Linehan :

Date: *08/08*/90 : *JL*/90 :

OFFICIAL RECORD COPY

9008170257 900810
FDR WASTE
WM-11
FDC

102
WM-11
NH16