

Sandia National Laboratories

Albuquerque, New Mexico 87185

February 21, 1984

Mr. Peter Ornstein
Geotechnical Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Spring, MD 20910

WM Record file
A-1158

Wal Project 10, 11, 16
Docket No. _____
PDR _____
LPDR B, N, S

Distribution: _____
P. ORNSTEIN

(Return to WM, 623-SS) _____ 15

Dear Mr. Ornstein:

A memorandum from William Wilson, Chief of the Nuclear Hydrology Program for the USGS, to the USGS Coordinator, NNWSI, concerning an error in a figure of the Repository Site Data Report for Tuff (NUREG/CR-2937) has been brought to my attention. The surface elevation of drill hole J-13 in Figure 2-6 (p.27) is at an altitude of 3900 feet rather than the actual altitude of 3128 feet. If the water table is drawn in on this figure, the water level in J-13 is in the Bedded Tuff of Calico Hills instead of the actual location in the Topopah Spring Member.

Upon checking with the authors of the report, I found that in addition to the error noted in the memorandum the surface elevation for UE25a-1 in Figure 2-6 should be 3933 feet instead of 4250 feet. The figure was obtained from a LANL report (LA-8840-MS) for the sole purpose of indicating the correlation of zeolite zones within the three drill holes. For this purpose, the errors in surface elevations is of no consequence. Figure 2-11 (p. 34) of the tuff report (NUREG/CR-2937) contains the stratigraphic sequences for these drill holes in their proper vertical relationship.

Whereas errors are present in Figure 2-6, I do not believe that they are a significant problem in view of the purpose of the figure. However, efforts should be made not to perpetuate the use of the original LANL figure without the appropriate corrections.

Sincerely,

N. R. Ortiz
N. R. Ortiz
Waste Management Systems
Division 6430

Copy to:
6310 T. Hunter

WM DOCKET CONTROL
CENTER
84 FEB 24 P3:35

8409120249 840221
PDR WMRES EXISANL
A-1158 PDR