

MAR 3 1988

GUPTA/MEMO/88/02/24

- 1 -

MEMORANDUM FOR: B. Joe Youngblood, Chief  
Operations Branch  
Division of High-Level Waste Management

FROM: Ronald L. Ballard, Chief  
Technical Review Branch  
Division of High-Level Waste Management

SUBJECT: CLOSURE OF ACTION ITEM 18 FROM NRC-NNWSI PROJECT MEETING  
SUMMARY DATED AUGUST 27-28, 1985

REFERENCES: (1) NRC/NNWSI Project Exploratory Shaft  
Design/Construction Meeting Summary, August 27-28, 1985

(2) Letter, Gertz to Linehan, dated February 11, 1988

(3) J.B. Case and P.C. Kelsall, "Modification of Rock Mass  
Permeability in the Zone Surrounding a Shaft in  
Fractured, Welded Tuff," Sandia National Laboratories  
Report, SAND86-7001, March 1987

Action Item 18 in Reference 1 requested the DOE to provide the data (e.g., RQD's, Stresses, hydraulic conductivities) used to obtain the results on the damaged zone model for tuff presented by the DOE during the August 1985 NRC-NNWSI Project Meeting. In a letter from C. Gertz to J. Linehan, dated February 11, 1988 (Ref. 2), the DOE stated that it intends to use a different modified permeability zone model for the revised performance analysis. The data necessary to support this model was stated to be included in Reference 3.

The NRC staff has reviewed the information provided by the NNWSI Project (Ref. 2 and 3) in response to Action Item 18. Based on this review, we conclude that the data necessary to support the revised modified permeability zone model has been adequately included in Reference 3. Therefore, we consider this Action Item to be closed.

Please forward this evaluation to the NNWSI Project. If you have any questions on this staff evaluation, please contact Dr. Dinesh Gupta of my staff.

*SL*

Ronald L. Ballard, Chief  
Technical Review Branch  
Division of High-Level Waste Management

8804070288 880303  
PDR WASTE  
WM-11 DCD

102  
WM-11  
NH18

MAR 3 1988

GUPTA/MEMO/88/02/24

- 2 -

OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

MEMORANDUM FOR: B. Joe Youngblood, Chief  
 Operations Branch  
 Division of High-Level Waste Management

FROM: Ronald L. Ballard, Chief  
 Technical Review Branch  
 Division of High-Level Waste Management

SUBJECT: CLOSURE OF ACTION ITEM 18 FROM NRC-NNWSI PROJECT MEETING  
 SUMMARY DATED AUGUST 27-28, 1985

DATE: MAR 3 1988

DISTRIBUTION

|                 |                |                  |
|-----------------|----------------|------------------|
| <u>HLWM/SE</u>  | NMSS RF        | RBrowning, HLWM  |
| MBe11, HLWM     | JBunting, HLSE | Youngblood, HLOB |
| RBallard, HLTR  | DGupta, HLTR   | MNataraja, HLTR  |
| KStablein, HLOB | JPeshe1, HLTR  | HLTR RF          |

CONCURRENCES

| ORGANIZATION/CONCUREE | INITIALS   | DATE CONCURRED |
|-----------------------|------------|----------------|
| HLTR/DGupta           | <u>DG</u>  | 88/03/01       |
| HLTR/MNataraja        | <u>MN</u>  | 88/03/01       |
| HLTR/RLBallard        | <u>RLB</u> | 88/03/03       |