



98 East Naperville Road
Westmont, IL 60559-1595

ENGINEERS INTERNATIONAL, INC.

Telephone: 312/963-3460
Facsimile: 312/968-6884
Telex: 280102 ICO OAKR
Cable: ENGINT

11 April 1988
Ref. No. 1148-07-16
Project Letter No. 117

Waste Management Engineering Branch
Division of Waste Management
U. S. Nuclear Regulatory Commission
Mail Stop 4-H-3
Washington, DC 20555

Attention: Mr. John T. Buckley, Project Officer

Subject: Contract No. NRC-02-84-002
"Technical Assistance for In Situ Testing"
EI Project No. 1148
Status of EI Review of Deaf Smith ESF 60% Design

Dear Mr. Buckley:

The following information is provided by Mr. Robert A. Cummings regarding the status of the Deaf Smith ESF 60% Design review which was underway at that time the site was dropped from active consideration.

Engineers International, Inc. (EI) was reviewing the Deaf Smith ESF 60% design plans and specifications when passage of the Nuclear Waste Policy Act Amendment halted characterization planning for the Deaf Smith County site in December 1987.

At the time, EI was in the process of categorizing and evaluating the comments raised at the 60% Design Review Meeting, which EI attended. Many of these comments bore upon regulatory issues previously identified by the NRC. Some of the comments and their resolution reflected DOE, and not necessarily NRC, perspectives. In order to frame these regulatory issues, EI reorganized the comments according to categories that reflected the treatment of the issues in 10CFR10, and then further subdivided the comments into subcategories such as ground control, instrumentation, and so on. Each comment was critiqued and the plans and specifications referenced in each comment were checked as part of the evaluation of the comment. The impact of each evaluated comment was tallied in a separate file, identified as to category and subcategory. The comments and notes taken at the comments' discussions were also included in the file. This step identified many issues with regulatory impacts and documented likely changes to the design.

The next step would have been to systematically go through the plans and specifications to identify how the issues and concerns that have been raised in the past by NRC may have been represented in the

8804190228 880411
PDR WMRES EECENGI
D-1004 DCD

1148-07
2PRJTG

*D 1004
WMS
NH14
11*

Waste Management Engineering Branch
U.S. Nuclear Regulatory Commission
Washington, DC 20555
11 April 1988
Page 2

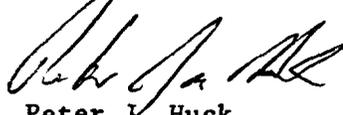
design. The notes were to be filed along with the comments and notes filed previously. It was of particular interest to see how the specifications would have worked to meet the regulatory criteria. This would have added the NRC perspective to the DOE perspective already existing in the files. The final step would have been to combine the filed notes into an issue-wise critique of the 60% design.

EI was nearly finished with Step 1 when it stopped work on the design. The files, comments, plans, specifications, and descriptions of the work done were boxed together and are in storage at EI.

Please contact the undersigned if additional information is desired.

Sincerely,

ENGINEERS INTERNATIONAL, INC.



Peter J. Huck
Project Engineer

PJH/ds