



Golder Associates
CONSULTING GEOTECHNICAL AND MINING ENGINEERS

June 1, 1983

Our ref: G/83/081

U.S. Nuclear Regulatory Commission
Division of Contracts
Washington, D.C. 20555

Attention: Raymond Gustave

Subject: Contract No. NRC-02-81-037
Technical Assistance for Repository Design
April Progress Report - Letter #88

WM Record File
B-6983

10/1/83

FDR ✓
LPDR (G.H.)

Distribution:
L. HARTMAN
PHILIP
(Return to ...)

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LS

Gentlemen:

Golder Associates is pleased to submit this progress report on the subject contract. Below is a breakdown by task of work performed, including personnel time and expenditures, from April 3, 1983 to April 30, 1983, as well as cumulative costs to date and projected costs for the remainder of the project. All costs are summarized in Table 1. Please note that costs shown in Table 1 are based on the accounting method and G&A and OH Rates given in the original contract. These costs will be modified upon approval of both of our proposed modifications, i.e., from provisional to actual OH and G&A rates in 1981 and from the VA to TCI accounting methods in 1982 and 1983. Although the contract has been modified for the 1981 change, this has not been reflected in the Task cost summaries presented here, as this effort will have to be repeated upon approval of the 1982 and 1983 changes, which is hoped to be imminent.

TASK 1

Work has been completed on this task.

TASK 2

Work has been completed on this task.

TASK 3

Work has been completed on this task.

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TASK 4

Work has been completed on this task.

TASK 5

Work has been completed on this task.

TASK 6Work Performed Through April 30, 1983

Projects 1 through 19 have been completed under Task 6.

Project 20 under Task 6, consisting of a review of documents related to the BWIP Exploratory Shaft Program, has been assigned by NRC (reference NCR Letter #71, dated April 1) and has been initiated. Work on this project is progressing on schedule and within budget.

Personnel Time and Expenditures - Project 20

	<u>Hours</u>	<u>Cost/Hour</u>	<u>Total Cost</u>	<u>Cumulative</u>
<u>Principal</u> D. Pentz	37.0	\$27.64	\$ 1,022.68	
<u>Associate</u> G. Deardorff	5.0	\$21.15	105.75	
<u>Senior Geotechnical Engineer</u> W. Roberds	37.5	\$19.23	721.13	
<u>Senior Draftsperson</u> H. Reeves	4.5	\$11.78	53.01	
<u>Draftsperson</u> H. Northcraft	3.0	\$ 8.53	25.59	
<u>Secretarial</u> T. Ashbaugh	10.0	\$ 8.89	88.90	
K. Proefke	4.0	\$ 6.92	27.68	
L. Mueller	13.5	\$ 7.45	100.58	
Total Direct Labor			\$ 2,145.32	\$ 2,145.32
Labor Overhead (20.8% of 2145.32)			446.23	446.23
Travel			-0-	-0-
Other Direct Costs			\$ 149.44	149.44
Consultant J. Daemen - (10.0 hours @ \$50.00/hour)			\$ 500.00	500.00

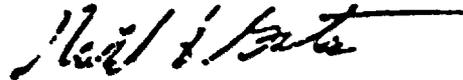
June 1, 1983

General & Administrative Expenses (80.7% of 2591.55)	2,091.38	2,091.38
Total Costs	5,332.37	5,332.37
Fees (9.0% of \$5332.37)	479.91	479.91
Total Costs & Fees	\$ 5,812.28	\$ 5,812.28

Golder Associates appreciates the opportunity to submit this progress report. Should you have any questions concerning the above, please contact me.

Sincerely,

GOLDER ASSOCIATES



Richard H. Gates, Ph.D., P.E.
Project Manager

WJR/sg

Attachment

cc: Director of NMSS
(Attn: Program Support Branch)

Director, Division of Waste Management
John B. Martin

Mr. Lud Hartung
Project Manager