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JAN 17 1983

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Dr. Lou Gonano  
 Golder Associates, Inc.  
 2950 Northup Way  
 Bellevue, WA 98004

Dear Dr. Gonano:

SUBJECT: CONTRACT NO. NRC-02-81-037 ENTITLED "TECHNICAL ASSISTANCE FOR REPOSITORY DESIGN, "GOLDER ASSOCIATES, INC. (GAI) (LTR. NO. 88)

I have reviewed your November Project Progress Report (GAI, Ltr. No. 103) dated December 22, 1983 for the subject contract. I have the following comments:

These Task Reports have been completed:

Task 1 - Identification of Factors Which Influence Design

Task 2 - In Situ Testing for Design and Construction

Task 3 - Evaluation of Alternative Shaft Sinking Techniques

Task 4 - Trade-offs in the Relationship of the Test Facility to the Repository

Task 5 - Evaluation of Engineering Aspects of Backfill Placement

Task 6 - Direct Technical Assistance to NRC

Assigned Projects (1 through 22) have been completed.

Work on Assigned Project 21 entitled "Review and Discussion of In situ Testing Plan at BWIP is completed. The DOE/NRC meeting and workshop at BWIP were held during the week of November 28 through December 1, 1983. A trip report was received December 27, 1983.

Assigned Projects 22 entitled "Planning and Participation in the DOE/NRC pre-SCP workshop on Repository Design for salt" has been completed. A pre-meeting was held in Silver Spring, MD on October 12-13, 1983. The NRC/DOE workshop was held on October 25 and 26, 1983 in Columbus, Ohio. Trip reports for the pre-meeting and workshop were received on November

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8, 1983 and November 15, 1983 respectively. GAI letter #100 and a master copy of the microfiche reports were received on November 16, 1983.

Assigned Projects 23 entitled "Planning and Participation in the DOE/NRC Pre-SCP Workshop on Repository Design in Tuff", has been indefinitely postponed.

Assigned Projects 24 entitled "Participation in the EI/NRC Meeting on Assessment of Retrieval Alternatives for the Geologic Disposal of Nuclear Waste" is completed. The meeting was held in Silver Spring, MD on December 8, 1983. The Trip report was received on January 3, 1984.

Assigned Projects 25 entitled "Planning and Participation in the BWIP/NRC Workshop on Repository Design" is in progress. The scope of the project has been changed to a data gathering meeting and site visit. A pre-meeting is scheduled for January 17, 1984 in Silver Spring, MD. The BWIP site visit is scheduled for the week of January 23, 1984.

Assigned Projects 26 entitled "Review of Technical Documents entitled, NRC Responses on the DOE Comments of the NRC Draft Technical Position on Borehole and Shaft Sealing and a revised draft of the Technical Position on Borehole and Shaft Sinking", is in progress. Both documents were delivered to Jaak Daemen in Silver Spring while attending activities described in Assigned Project 24.

The action taken by this letter is considered to be within the scope of the current contract No. NRC-02-81-037. No changes to costs or delivery of contracted products are authorized. Please notify me immediately if you believe this letter would result in changes to costs or delivery of contracted products.

Sincerely,

John T. Buckley Engineering Branch  
Division of Waste Management

- cc: R. Talbot, GAI
- V. Deloatch, ADM-DC
- D. Loosely, NMSS D. Mattson, WMPC
- S. Coplan, WMG

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