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

Distribution:
Greaves Jagannath
(return to WM, 623-SS) of

Attn: Cindy Fleenor
Technical Assistance Contracts Branch

Subject: Quarterly Progress Report - January-March 1986, Interagency
Agreement Number NRC-02-80-075, "Technical Assistance for Assessment
of Repository Siting and Design"

Dear Ms. Fleenor:

Enclosed is our twenty-second quarterly progress report on the subject
interagency agreement for the period January 1, 1986, through March 31, 1986.
This is in accordance with Article 1, Number 3.1-Reporting Requirements.

Sincerely,

SIGNED

Earle B. Amey
Division of Health and
Safety Technology

Enclosure

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**Quarterly Progress Report
January - March 1985**

Progress

Denver Research Center (DRC) personnel conducted technical reviews of the following documents:

- (1) "Generic Technical Position on In Situ Testing During Site Characterization for High-Level Nuclear Waste Repositories"
- (2) "Retrievability: Strategy for Compliance Demonstration"

A new list of key references for reviewing the final Environmental Assessment for the NNWSI project site was sent to the NRC.

Michael Beus and Michael Sokaski of the Spokane Research Center (SRC) attended a BWIP meeting, March 24-25, 1986, in Silver Spring, MD. The purpose of the meeting was to discuss issues related to the Exploration Shaft Test Plan and review the Site Characterization Plan (SCP). Initial discussions covered:

- (1) Final Environmental Assessment Reference List
- (2) Quality Assurance
- (3) Exploratory Shaft Test Plan

The remainder of the first day and most of the second day was devoted to presentations by meeting attendees to develop NRC positions on items in the SCP. These topics included:

- (1) Constructability
- (2) Cohasset Flow Thickness
- (3) Rock Burst
- (4) Shaft Soals
- (5) Rock Bolting and Support
- (6) SCP Detail
- (7) Modelling
- (8) Ventilation

Messrs. Beus and Sokaski made presentations on (3) and (5). Other presentations were made by ITASCA, Engineers International, and Sandia. The meeting concluded with preparation of the meeting minutes and work assignments for the upcoming SCP review meeting. No meeting or trip was required but a document review assignment was made to the USBM. In addition, the USBM and ITASCA are responsible for producing a position paper on rock bursting.