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9 April 1986

David Tiktinsky - SS623
U.S. Nuclear Regulatory Commission
Division of Waste Management
Washington, D.C. 20555

"NRC Technical Assistance
for Design Reviews"
Contract No. NRC-02-85-002
FIN D1016

Dear David:

Enclosed is Progress Report No. 8 for the period 1-31 March 1986 on Task Order No. 001, NRC Contract No. NRC-02-85-002. Also enclosed is the summary sheet for the March voucher. Please call me if you have any questions.

Sincerely,

Roger D. Hart
Roger D. Hart
Program Manager

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cc: J. Greeves, Engineering Branch
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ITASCA MONTHLY PROGRESS REPORT

Progress Report No. 8
NRC Technical Assistance
for Design Reviews

9 April 1986
Contract No. NRC-02-85-002

Reporting Period: 1 - 31 March 1986

1. INTRODUCTION

This progress report summarizes the work performed during March 1986 on NRC Contract No. NRC-02-85-002. The work performed in March consisted of document reviews for NNWSI and attendance at the BWIP ESTP and Conceptual Design Meeting in Silver Spring. This work is within the scope of Task Order No. 001 of this contract. Additionally, during this period, Itasca submitted a technical and cost proposal for Task Order No. 002.

2. ACTIVITIES DURING THE REPORTING PERIOD

- A. On 6 March 1986, the report "Preferential Rating of Documents for Review in the Area of Rock Mechanics and Design for a High-Level Waste Repository at Yucca Mountain, Nevada" was submitted (see Section 3.0, Results).
- B. On 12 March, the technical and cost proposals for Task Order No. 002 were submitted. Review and negotiations continued through the end of March.
- C. On 13 March, authorization was received to attend the ESTP and Conceptual Design of BWIP Meeting in Silver Spring on 24-25 March. Additionally, authorization to review the following NNWSI documents was received in the same letter:

- (1) "Retrievability: Strategy for Compliance Demonstration," Richard J. Flores (SAND84-2242); and
 - (2) "NNWSI Repository Design Presentation and Issues Resolution Strategy — Feb. 11-13, 1986, Albuquerque, N.M."
- D. On 14 March, Modification No. 1 for Contract No. NRC-02-85-002 was received from Elois Wiggins, Contracting Officer.
- E. On 18 March, the Itasca trip report for the 26-27 February 1986 ESTP and Conceptual Design of NNWIS Meeting in Silver Spring was submitted.
- F. On 24-25 March, Mark Board and Adrian Brown attended the BWIP ESTP and Conceptual Design Meeting in Silver Spring (see Sectin 7.0). The trip report is to be submitted in early April.

3.0 RESULTS

In March, the review of "NNWSI Environmental Assessment (EA) References" was completed and submitted as "Preferential Rating of Documents for Review in the Area of Rock Mechanics and Design for a High-Level Waste Repository at Yucca Mountain, Nevada" (see Section 2A). Professional labor hours in March for this review are:

L. Lorig	15 hours
J. Markham	2 hours

Additionally, in March, the reviews of two NNWSI documents were begun. For the review of "Retrievability: Strategy for Compliance Demonstration," by Richard J. Flores (SAND84-2242), the professional labor expended in March was:

J. Daemen	12 hours
L. Lorig	7 hours

For the review of "NNWSI Repository Design Presentation and Issues Resolution Strategy — Feb. 11-13, 1986, Albuquerque, N.M.", the professional labor was

J. Daemen	12 hours
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The review of these two documents will be completed and submitted in April.

4.0 QUALITY ASSURANCE

Correspondence, document review logs, and trip logs were monitored and updated. In addition, a large number of documents (approximately 50) were requested and received from Rockwell Hanford Operations Public Release System for BWIP. These documents are being categorized and entered into the reference library for the project.

5.0 DIFFICULTIES

No specific difficulties were experienced during this reporting period.

6.0 ACTIVITIES PLANNED FOR THE NEXT REPORTING PERIOD

- A. Completion of the review of the two NNWSI documents referenced in Section 2C is expected.
- B. A trip report for the 24-25 March BWIP ESTP and Conceptual Design Meeting at Silver Spring will be completed and submitted.
- C. J. Daemen, I. Farmer, R. Hart, and K. Wahi are to attend the SRP Planning Meeting for the Final Environmental Assessment (FEA) and Site Characterization Plan (SCP) in Silver Spring on 2-3 April. (Note: Official authorization to attend this meeting has not been received.)
- D. Tentative plans are being made to prepare for review of the FEAs scheduled for release in late April.

7.0 MEETINGS/TRIPS DURING THE REPORTING PERIOD

Mark Board and Adrian Brown attended the 24-25 March meeting in Silver Spring on BWIP ESTP Conceptual Design. The total time expenditures in March related to preparation, travel, and meeting attendance were:

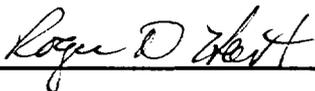
Mark Board	Senior Engineer	26 hours
Adrian Brown	Consultant	33 hours

A trip report detailing the activities of the meeting is to be submitted in April.

8.0 SCHEDULE AND COST PROJECTION

The summary sheet for the March invoice is attached. Costs are well within the limit authorized for Task Order No. 001. No project milestones were scheduled for this reporting period.

Respectfully submitted,



Roger D. Hart
Program Manager
9 April 1986

Attach.
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