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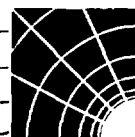
Distribution:

D. T. Tiktinsky

NSH

(Return to WM, 623-SS)

Joan Tacket



ITASCA

Consulting Group, Inc.

September 18, 1985

Mr. Dave Tiktinsky
Project Officer
U.S. Nuclear Regulatory Commission
Division of Waste Management
Washington, D.C. 20555

CONTRACT NO. NRC-02-85-002
Technical Assistance for Design Reviews
of High-Level Waste Geologic Repositories

Dear Mr. Tiktinsky:

Transmitted with this letter is a copy of our first monthly progress report under Contract No. NRC-02-85-002. The report covers the period from contract award (August 22, 1985) through August 31, 1985. We would appreciate any comments or suggestions you may have regarding the progress report format.

Sincerely,

John J. Markham
Executive Vice President

JJM:

Encs.

cc:

John Greeves

Eloise Wiggins

Office of the Director, NMSS

Document Control Room (2)

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ITASCA MONTHLY PROGRESS REPORT

Progress Report No. 1
NRC Technical Assistance
for Design Reviews

17 September 1985
Contract No. NRC-02-85-002

Reporting Period: 22 August - 31 August, 1985

1. INTRODUCTION

This progress report summarizes the work performed during August 1985 following the award of Contract No. NRC-02-85-002 on 22 August 1985. Only initial start-up activities were performed during this brief period and these activities are described below.

2. ACTIVITIES DURING REPORTING PERIOD

The activities authorized were the attendance at two meetings: the kick-off meeting on 29 August 1985 and the NNWSI Exploratory Shaft Facility Design meeting on 27-28 August 1985. These activities are described in Section 7.

Task Order 001 was issued by the NRC and a request for a technical and cost proposal was made on 28 August 1985. This task order allows the provision for review of up to 100 documents and the attendance of several technical and document review meetings in connection with design reviews.

3. RESULTS

A detailed trip report on the NNWSI ESF design review was prepared which summarized initial impressions and comments of this technical activity.

4. QUALITY ASSURANCE

Quality Assurance activities involved the establishment of correspondence record logs to monitor the status of incoming and outgoing correspondence with the NRC, Itasca consultants and related activities.

5. DIFFICULTIES

As we suggested in our technical proposal to the NRC, reviews of key supporting documents developed by DOE should be performed as they are issued rather than part of the assessment of major documents that reference them. The structure of Task Order 001 appears to address this difficulty by expediting the document review process.

Progress Report No. 1
NRC Technical Assistance
for Design Reviews

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Contract No. NRC-02-85-002

The difficulty still exists in being kept apprised of key documents as they are released. Itasca is on the ONWI distribution list. We have been informed that, if the NRC Project Officer makes a request directly to the NNWSI Project Officer on our behalf, Itasca can be put on the central distribution list for all NNWSI documents. Mr. Larry Perrine at SANDIA documents distribution (ph. 212-844-3044) informs us that this request should be made directly to:

Donald Veith
Director Waste Management
Project Officer
U. S. Department of Energy
P.O. Box 14100
Las Vegas, Nevada 89114

We have been unsuccessful, thus far, in acquiring information on a central distribution list for BWIP documents. We have been informed by Rockwell documents distribution that BWIP documents can only be received through the DOE Office of Scientific and Technical Information in Oak Ridge, Tennessee.

We have requested copies of pertinent document reviews from the NRC in order to provide background information for identifying documents which may still require review. Finally, we will identify specific supporting documents requiring review in upcoming document review reports.

6. ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

A verbal authorization was given by the NRC Project Officer on 30 August 1985 to perform the following tasks during September 1985:

- 1) Review two documents related to the NNWSI ESF Design Review.
- 2) Attend the International Symposium on Coupled Processes Affecting the Performance of a Nuclear Waste Repository at Lawrence Berkeley Laboratories on 18-20 September 1985.
- 3) The Principal Investigator on tuff to attend an NNWSI meeting at Las Vegas, Nevada on 16-18 September to informally review the current draft of the ESTP.

A cost and technical proposal on Task Order 001 will be submitted. The work identified above will be performed under this task order as authorized by NRC letter dated 28 August 1985.

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NRC Technical Assistance
for Design Reviews

17 September 1985
Contract No. NRC-02-85-002

7. MEETINGS/TRIPS DURING REPORTING PERIOD

Attendance at two meetings was authorized by the NRC Project Officer during this reporting period. The NNWSI Exploratory Shaft Facility Design review meeting at the NRC headquarters on 27-28 August 1985 was attended by Drs. R. Hart and I. Farmer.

The time expenditure for this meeting was:

R. Hart	Program Manager	8 hours
I. Farmer	Senior Review Consultant	20 hours

The contract kick-off meeting was attended on 29 August 1985 at the NRC by Drs. R. Hart and J. Daemen. The time expenditure for this meeting was:

R. Hart	Program Manager	8 hours
J. Daemen	Principal Investigator-	8 hours
	Tuff	

Trip reports for both meetings will be submitted during the September reporting period.

8. SCHEDULE AND COST PROJECTION

The schedule for activities under Task Order 001 has yet to be defined except for activities noted in Section 6. The cost projections for these activities will remain within the limits authorized on 28 August 1985.

Respectfully submitted,



Roger D. Hart
Program Manager

RDH:dt

copies to: Dave Tiktinsky ✓
John Greeves
Eloise Wiggins
Program Support Branch, Office of the Director, NMSS
Document Control Room

VOUCHER

Payor's Name and Address

U.S. Nuclear Regulatory Commission
Division of Accounting
Office of the Controller
ATTENTION: GOV/COM Accounts Section
Washington, D.C. 20555

Payee's Name and Address

Itasca Consulting Group, Inc.
P.O. Box 14806
Minneapolis, Minnesota 55414

Individual to contact:

John J. Markham (612-623-9599)

(a) Contract Number: NRC-02-85-002
(b) Title of Project: Technical Assistance
for Design Reviews of High-Level Waste
Geologic Repositories
(c) Voucher Number: 001-85-057
(d) Date of Voucher: 17 September 1985
(e) Contract Amount: \$1,312,270.80
(f) Fixed Fee: \$ 104,981.66

(g) This voucher represents reimburseable costs from 8/22/85 thru 8/31/85

AMOUNT BILLED

	(k) <u>Current Period</u>	(l) <u>Inception to Date</u>
(h) <u>DIRECT COSTS</u>		
(1) Direct Labor	\$ 363.78	\$ 363.78
(2) Materials, Supplies and Noncapitalized Equipment		
(3) Consultants	2,531.60	2,531.60
(4) Travel - Domestic	592.95	592.95
(5) Subcontract		
(6) Other Costs		
TOTAL DIRECT COSTS	\$3,488.33	\$3,488.33
(i) <u>INDIRECT COSTS</u>		
G & A Expense 106% of Cost Element (1)	\$ 385.61	\$ 385.61
TOTAL DIRECT AND INDIRECT COSTS	\$3,873.94	\$3,873.94
(j) FIXED-FEE EARNED *	*	*
(m) TOTAL AMOUNTS CLAIMED	\$3,873.94	\$3,873.94
(n) ADJUSTMENTS		
(o) GRAND TOTALS	\$3,873.94	\$3,873.94

* TO BE DETERMINED

SUPPORTING INFORMATION

TASK ORDER-001

TASK 1 KICK-OFF MEETING

(1) DIRECT LABOR

<u>Labor Category</u>	<u>Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Total</u>
Project Manager	Roger Hart	10	\$20.21	\$ 202.10

(3) CONSULTANTS

Labor	Jaak Daemen	8	\$55.00	\$ 440.00 ^(a)
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(4) TRAVEL

<u>Date</u>	<u>Traveller</u>	<u>Purpose</u>	<u>Costs</u>
<u>From</u> <u>To</u>			
8/27/85 8/29/85	Roger Hart	Kick-off meeting in Silver Spring	1) Airfare \$ 522.00 ^{(a)(b)} 2) Hotel 38.45 ^(a) 3) Meals 28.50 4) Metro 4.00 TOTAL TRAVEL \$ 592.95
<u>Destination</u>			
<u>From</u> <u>To</u>			
Mpls., Wash., MN DC			

TOTAL DIRECT COSTS	\$1,235.05
G & A (106% of Direct Labor)	<u>214.23</u>
TOTAL DIRECT AND INDIRECT COSTS	\$1,449.28
FIXED FEE *	<u>*</u>
TOTAL	<u><u>\$1,449.28</u></u>

*TO BE DETERMINED

- (a) Invoice attached
 (b) R. Hart travelled from a meeting for another project in San Diego to Washington, D.C. and returned to Minneapolis. The round-trip airfare (2 times the one-way fare) between Minneapolis and Washington, D.C. is charged to the project.

SUPPORTING INFORMATION

TASK ORDER-001

TASK 4.1 TECHNICAL MEETINGS - NNWSI

(1) DIRECT LABOR

<u>Labor Category</u>	<u>Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Total</u>
Project Manager	Roger Hart	8	\$20.21	\$ 161.68

(3) CONSULTANTS

<u>Labor</u>	Ian Farmer	20	\$55.00	1,100.00 ^(a)
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Travel

<u>Date:</u>	<u>Traveller</u>	<u>Purpose</u>	<u>Costs</u>	
<u>From</u> <u>To</u>				
8/26/85 8/28/85	Ian Farmer	NNWSI ES Facility NRC/DOE Meeting in Silver Spring	1) Airfare 2) Hotel 3) Meals 4) Limo 5) Metro-bus	860.00 ^(a) 76.90 ^(a) 35.00 16.50 3.20
<u>Destination</u>				
<u>From</u> <u>To</u>				
Tucson, Wash., AZ DC				
			TOTAL TRAVEL CONSULTANT	\$ 991.60
			TOTAL CONSULTANT	\$2,091.60

TOTAL DIRECT COSTS	\$2,253.28
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G & A (106% of Direct Labor)	171.38
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TOTAL DIRECT AND INDIRECT COSTS	\$2,424.66
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FIXED FEE *	*
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TOTAL	\$2,424.66
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*TO BE DETERMINED

(a) Invoice attached