

0-1016  
APR 02 1987

PDR-1  
LPDR  
WM-10 (2)  
WM-11 (2)  
WM-16 (2)

✓ DT 3/31 M2 HART DOC RVW

- 1 -

Mr. Roger Hart  
ITASCA Consulting Group  
P.O. Box 14806  
Minneapolis, MN 55414

Dear Mr. Hart:

ITASCA should perform the following work under the contract entitled,  
"Technical Assistance for Design Reviews" (NRC-02-85-002, FIN D1016).

TASK ORDER 001

Meetings:

NNWSI

1. ITASCA should send one senior engineer and the NNWSI Principle Investigator to a meeting to discuss the Exploratory Shaft Facility design (ESF) for the NNWSI program in Las Vegas, Nv. from April 11-17, 1987.

SALT

1. ITASCA should send two senior engineers to the following meetings:
  - (a) Title II design review of the ESF to be held in Houston, Texas from April 5-7, 1987.
  - (b) Title II design review of the ESF (comment resolution meeting) to be held in Houston, Texas from April 21-24, 1987.
  - (c) A meeting with SRPO to discuss ESF design and construction in Houston from May 5-7, 1987.

Document Reviews

Itasca should review the following SALT documents.

1. WIPP In-Situ Test Plan, SAND81-2628 (1 day)
2. Implementation of Thermal/Structural Interactions In-Situ tests at WIPP, 2nd International Conference on the Mechanical Behavior of Salt (1 day)

WM-RES  
WM Record File  
D1016  
ITASCA

WM Project 10, 11, 16  
Docket No.

PDR ✓  
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Distribution.

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3. Integrated In-Situ testing program for WIPP, Sandia draft (3 days)
4. Pretest Reference Calculation for the 18 w/m<sup>2</sup> Mockup for DHLW, SAND85-0807 (3 days)
5. Pretest Reference Calculation for the Overtest for Simulated DHLW, SAND85-0213 (3 days)
6. Pretest Reference Calculation for the 6.1m wide drifts of the Geomechanical Evaluation (3 days)
7. Numerical Simulation of Creep Response of Model Salt Pillars, SAND85-2429 (3 days)
8. Comparison Between Predicted and Measured South Drift Closures at WIPP using a Transient Creep Model for SALT. (3 days)
9. Early Results from the Thermal/Structural In-Situ Test Series at WIPP, (3 days)
10. Methodology for Performing Parallel Design Calculations, SAND85-0324

Instructions for these document reviews were given to Loren Lorig by Naïem Tanious in a telephone conversation.

Other Document Reviews:

1. STRES3D, A computer Program for Determining Temperatures, Stresses and Displacements Around Single or Arrays of Constant or Decaying Heat Sources. The review should take no more than 10 person days. Instructions for this review were provided in telephone conversations with ITASCA.

The action taken by this letter is considered to be within the scope of the current contract NRC-02-85-002. 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. I can be reached on (301) 427-4649.

Sincerely,

*/s/*  
David H. Tiktinsky  
Engineering Branch  
Division of Waste Management, NMSS

cc: M. Little, NRC

APR 02 1987

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OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

LETTER TO: R. Hart, ITASCA  
FROM: Tiktinsky  
SUBJECT: Document Review  
DATE:

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3/31/87  
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Original not received in the WMDCCY  
4/16/87 2:20  
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