88110673 WM Project: WM-11 PDR yes (Return to WM, 623-SS)

WM Record File: D-1016 LPDR yes

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ITASCA MONTHLY 2/5/88

FEB 0 5 1988

Mr. Roger Hart Itasca Consulting Group P.O. Box 14806 Minneapolis, Minnesota 55414

Dear Mr. Hart:

We have received your monthly report for the period of time from December 1, to December 31, 1987 for the contract entitled "Technical Assistance for Design Reviews" (NRC-02-85-002, FIN D1016).

The following work was received by the NRC from ITASCA during the reporting period.

1. Final report entitled "Suggested review approach to in-situ testing at Yucca Mountain"

2. Final report entitled "Examination fo the use of continuum and Discontinuum numerical models for thermomechanical analyses of basalt"

3. Document review of "Numerical parametric sensitivity study of thermal and mechanical properties for a high level nuclear waste repository" and

4. Document review of "Summary of seclected documents related to the Title II, 60% design review for the ESF at Deaf Smith"

The technical work described in the monthly report (including the above mentioned papers) is satisfactory. As we discussed in a telephone conversation, the task work which has not been completed should be redirected where appropriate from basalt and salt to tuff.

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) 492-0534.

Sincerely.

David H. Tiktinsky Technical Review Branch Division of High Level Waste Management, NMSS WM Fecord File DIOIG Diokof No. Distribution: Distribution:

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cc: E. Knox, NRC

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FEB 0 5 1988

- LETTER TO: Mr. Roger Hart Itasca Consulting Group
- FROM: David Tiktinsky, HLTRB, DHLWM
- SUBJECT: Monthly Report
- DATE: February 5, 1988

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