

D1N16

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

ITASCA/ASSIGNMENTS/10/27/87

- 1 -

OCT 28 1987

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:

Previous verbal approval was given for the following meetings:

NNWSI

1. ITASCA was authorized to send one senior engineer and the NNWSI Principle Investigator to an appendix 7 meeting for the NNWSI program in Las Vegas, Nv. during September, 1987.

BWIP

1. A mine visit to Falconbridge mines in Sudbury, Ontario to examine the problems associated with mining there. This meeting was held on October 21 - 23, 1987

Task Order 006

Document Reviews

Itasca should review the following SALT documents.

1. The conceptual design documents that were obtained during an appendix 7 visit to the DOE contractor office in Houston during September, 1987. Explicit directions for the reviews was given to ITASCA by Naïem Tanious of NRC. The reviews should take no more than 4 person weeks.

8712150316 871028
PDR WMRES EECITAS
D-1016 PDR

BB134360

WM Project: WM-10, 11, 16

PDR yes

(Return to WM, 623-SS)

WM Record File: D-1016

LPDR yes

WM-Res
WM Record File

D1016
Itasca

WM Project 10, 11, 16
Docket No.

PDR ✓

LPDR ✓ (B, A, S)

Distribution:

(Return to WM, 623-SS)

4372

ITASCA should review the following BWIP documents:

	<u>DOCUMENT</u>	<u>DAYS/MAN</u>	<u>MEN</u>
1)	"Exploratory shaft facility water inflow design calculations" RHO Comp. brief CB-00617, Feb. 1987	2	2
2)	"Further analysis of joint stiffness from jointed triaxial testing" RHO Comp. brief 0622, Feb. 1987	3	1
3)	"Character and distribution of borehole breakouts and their relationship to in situ stresses in deep columbia river basalts" J. Geophy. Research, 92, 6223-6234 (1987)	1	2
4)	"LAR review of BWIP SCP", May, 1987	3	1
5)	"ESF design basis study", RHO SD-BWI-ER-018, June, 87	1	2
6)	"SCP CDR for BWIP", RHO SD-BWI-CDR-005, June, 1986	5	2
7)	"Exploratory shaft test portholes configuration" RHO SD-BWI-TI-119	1	1
8)	"Performance sensitivity analysis of the repository seals subsystem - boreholes drilled from repository excavations" RHO SD-BWI-TI-342	1	2
9)	"Primary fracture frequency, RQD and core break frequency calculated from cohasset drill core data" RHO comp. brief DER-CB-0023, June, 1987	1	2

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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,

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David H. Tiktinsky
Technical Review Branch
Geotechnical Engineering/Design Section
Division of High Level Waste Management
Office of Nuclear Material Safety
and Safeguards

cc: M. Little, NRC

ITASCA/ASSIGNMENTS/10/27/87

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OCT 28 1987

OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

MEMORANDUM FOR: Roger Hart, ITASCA
ITASCA Consulting Group
P.O. Box 14806
Minneapolis, MN 554414

FROM: David Tiktinsky
Technical Review Branch
Geotechnical Engineering/Design Section
Division of High-Level Waste Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT: ASSORTED ITASCA ASSIGNMENTS

DATE: 10/ /87

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CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
HLTR/DTiktinsky	<u>DT</u>	10/28/87
HLTR/MNataraja	<u>Roj</u>	10/28/87

Original Set out