

Sandia National Laboratories

Albuquerque, New Mexico 87185

September 15, 1987

Mr. John Peshel
Engineering Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Spring, MD 20910

Dear Mr. Peshel:

The enclosed monthly report summarizes the activities during the month of August for FIN A-1755.

If you have any questions, please feel free to contact me at FTS 844-8368 or L. R. Shippers at FTS 846-3051.

Sincerely,

Robert M. Cranwell

Robert M. Cranwell
Supervisor
Waste Management Systems
Division 6416

RMC:6416

Enclosure

Copy to:
Office of the Director, NMSS
Attn: Program Support Branch
6400 R. C. Cochrell
6410 N. R. Ortiz
6416 R. M. Cranwell
6416 L. R. Shippers

8712140344 870915
PDR WMRES EXISANL PDR
A-1755

88134323
WM Project: WM-10, 11, 16
PDR w/encl
(Return to WM, 623-SS)

WM Record File: A-1755
LPDR w/encl

PROGRAM: Coupled Thermal-Hydrological-
Mechanical Assessments and
Site Characterization
Activities for Geologic
Repositories

FIN#: A-1755

CONTRACTOR: Sandia National
Laboratories

BUDGET PERIOD: 10/86 -
9/87

DRA PROGRAM MANAGER: J. Peshel

BUDGET AMOUNT: 250K

CONTRACT PROGRAM MANAGER: R. M. Cranwell

FTS PHONE: 844-8368

PRINCIPAL INVESTIGATOR: L. R. Shippers

FTS PHONE: 846-9777

PROJECT OBJECTIVES

To provide technical assistance to NRC in the assessment of coupled thermal-hydrological-mechanical phenomena and site characterization activities for high-level waste repositories.

ACTIVITIES DURING AUGUST 1987

Activities and Accomplishments

No new activities were initiated during the month of August. Some effort was spent in completing the compilation of the results of the BWIP shaft liner analysis. Significant computer charges were incurred in completing the Teknekron Benchmark Problems using the STEALTH 2D computer code. K. Wahi travelled to Montreal, Canada to participate in the Sixth Congress of the International Society for Rock Mechanics. The meeting dates were August 30 to September 3, 1987. A trip report will be sent with the next monthly report.

Travel

K. Wahi attended the Sixth Congress of the International Society for Rock Mechanics on August 30 through September 3, 1987 in Montreal, Canada.

Problems Encountered

None.

Management Issues

At the request of the NRC project manager all activity on this project was terminated on September 4, 1987. Due to this work stoppage, no guarantees of the future availability of current staff or subcontractors to this project can be made.

A-1755
 1628.010
 August 1987

THIS IS AN ESTIMATE ONLY AND MAY NOT MATCH THE INVOICES SENT TO NRC BY SANDIA'S ACCOUNTING DEPARTMENT.

	Current Month	Year -to- Date
	-----	-----
I. Direct Manpower (man-months of charged effort)	0.7	6.4
II. Direct Loaded Labor Costs	5.0	43.0
Materials and Services	0.0	0.0
ADP Support (computer)	2.0	18.0
Subcontracts	36.0	98.0
Travel	0.0	2.0
G & A	8.0	17.0
Other (computer roundoff)	0.0	0.0
	-----	-----
TOTAL COSTS	51.0	178.0

III. Funding Status

Prior FY Carryover	FY 87 Projected Funding Level	FY 87 Funds Received to Date	FY 87 Funding Balance Needed
-----	-----	-----	-----
None	250K	250K	None

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

WM DOCKET CONTROL
CENTER

'87 SEP 22 A10:50

WM-RES
WM Record File
H1-1-55
SNL

WM Project 10,11,16
Docket No. _____
PDR
x LPDR (B.N.S)

Distribution:
Reshel 1000-ticket

(Return to WM, 623-SS) 11