

Sandia National Laboratories

Albuquerque, New Mexico 87185

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CENTER

'86 AUG 22 AIO:16

August 15, 1986

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 July for FIN A-1755.

If you have any questions, please feel free to contact me at FTS 844-8368 or E. J. Bonano at FTS 844-5303.

Sincerely,

Robert M. Cranwell

Robert M. Cranwell
Supervisor
Waste Management Systems
Division 6431

RMC:6431

Enclosure

Copy to:
Office of the Director, NMSS
Attn: Program Support Branch
6400 R. C. Cochrell
6430 N. R. Ortiz
6431 R. M. Cranwell
6431 E. J. Bonano
6431 K. K. Wahi
6431 L. R. Shippers

WM-LES
WM Record File
(A1755)
SNL

WM Project 10,11,16
Docket No. _____

PDR ✓

LPDR B, N, S

Distribution:

Peshel
Still

Joan-Lickett

(Rel. to WM, 623-SS)

AF

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

FIN#: A-1755

CONTRACTOR: Sandia National
Laboratories

BUDGET PERIOD: 10/85 -
9/86

DRA PROGRAM MANAGER: J. Peshel

BUDGET AMOUNT: 226K

CONTRACT PROGRAM MANAGER: R. M. Cranwell

FTS PHONE: 844-8368

PRINCIPAL INVESTIGATORS: E. J. Bonano
L. R. Shippers

FTS PHONE: 844-5303
FTS PHONE: 846-3051

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 JULY 1986

Activities and Accomplishments

The effort in the month of July consisted of preparing and running sample calculations with COYOTE (heat transfer code), SANCHO (thermomechanical code), and VSRC3D in preparation for N. Tanious' (NRC) upcoming visit to Sandia. Also, consultations with Sandia authors of these computer codes were necessary to answer code-related questions. Also, telephone conversations with various NRC personnel took place to obtain information on the availability of these codes at NRC's computing facilities. This information was passed on to N. Tanious.

Travel

None.

Problems Encountered

None.

A-1755
1628.010
July 1986

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)	0.0	7.7
II. Direct Loaded Labor Costs	0.0	79.0
Materials and Services	0.0	0.0
ADP Support (computer)	0.0	7.0
Subcontracts	-83.0	128.0
Travel	0.0	1.0
Other (computer roundoff)	0.0	1.0
TOTAL COSTS	-83.0	216.0

III. Funding Status

Prior FY Carryover	FY 86 Projected Funding Level	FY 86 Funds Received to Date	FY 86 Funding Balance Needed
31K	226K	195K	None