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April 13, 1984

Dr. M. S. Nataraja Engineering Branch Division of Waste Management U.S. Nuclear Regulatory Commission 7915 Eastern Avenue Silver Spring, MD 20910

Dear Dr. Nataraja:

The enclosed monthly report summarizes the activities during the month of March for FIN A-1755. A trip report for the "Project Initiation Meeting" on March 19 in Silver Spring, MD has already been sent to you.

I have been assigned as the Sandia staff member to serve as principal investigator for FIN A-1755. However, Krishan Wahi will still be the primary contact for this project. If you have any questions, please feel free to contact either myself at FTS 844-9931 or Krishan Wahi at FTS 844-6268

Sincerely,

margan (

Margaret S. Chu Waste Management Systems Division 6431

MSC:6431:jm

Copy to: 6431 R. M. Cranwell

8409120073 840413 PDR WMRES EXISANL A-1755 PDR PROGRAM: Coupled Thermal-Hydrological- FIN#: A-1755 Mechanical Assessments and Site Characterization Activities for Geologic Repositories

CONTRACTOR: Sandia National Laboratories BUDGET PERIOD: 3/84 -9/84 DRA PROGRAM MANAGER: M. S. Nataraja BUDGET AMOUNT: 250K CONTRACT PROGRAM MANAGER: R. M. Cranwell FTS PHONE: 844-8368 PRINCIPAL INVESTIGATOR: M. S. Y. Chu FTS PHONE: 844-9931

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 MARCH 1984

Activities and Accomplishments

This is the first monthly report for the FIN A-1755 Project which has a start date of March 1, 1984.

Most of the effort during the month of March was in preparing a draft "Project Work Plan," meeting with the NRC Project Manager (PM), and revising the draft plan following the meeting.

At the request of the PM, a draft version of the "General Technical Position on In-Situ Testing" was reviewed. Comments were forwarded to NRC in the form of a marked up copy of the draft, followed by discussions over the telephone.

Problems Encountered

Travel

N. Ortiz and K. Wahi met with M. Nataraja and other NRC staff in Silver Spring, Maryland on March 19, 1984. The purpose of the meeting was to formally initiate the project and discuss the draft "Project Work Plan." A trip report has already been forwarded to the NRC. A-1755 1628.010 March 1984

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

		Month	Current Year-to-Date
Ι.	Direct Manpower (man-months of charged effort)	0.0	0.0
II.	Direct Loaded Labor Costs Materials and Services ADP Support (computer) Subcontracts* Travel Other	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0
	TOTAL COSTS	0.0	0.0

Other = rounding approximation by computer

III. Funding Status

Prior FY	FY84 Projected	FY84 Funds	FY84 Funding
Carryover	Funding Level	Received to Date	Balance Needed
None	250K	250K	

*Charges did not show this month due to delays in placing new projects in the computer system.