

Sandia National Laboratories

Albuquerque, New Mexico 87185

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August 15, 1984

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WM-R&S

WM Record File

(A-1165)

SNL

WM Project 10,11,16

Docket No.

PDR

LPDR (B.N.S.)

Ms. Leslie A. Peeters
Repository Projects Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Spring, MD 20910

Distribution:

Peeters

Little

(Return to WM, 623-SS)

Joan - Ticket

Dear Ms. Peeters:

Enclosed is the summary of activities during July 1984 for the following tasks (A-1165): (II) Monitor and Review Aspects of DOE programs; and (IV) Short Term Technical Assistance.

Sincerely,

Robert M. Cranwell

Robert M. Cranwell, Supervisor
Waste Management Systems
Division 6431

RMC:6431:jm

Enclosure

Copy to:

Office of the Director, NMSS

Attn: Program Support

Robert Browning, Director

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PROGRAM: Monitor/Review Aspects of DOE
& other National and Inter-
national Waste Management
Programs

FIN#: A-1165
Task II

CONTRACTOR: Sandia National Laboratories BUDGET PERIOD: 10/83-
9/84
NMSS PROGRAM MANAGER: L. A. Peeters BUDGET AMOUNT: 140K
CONTRACT PROGRAM MANAGER: R. M. Cranwell FTS PHONE: 844-8368
PRINCIPAL INVESTIGATORS: R. L. Hunter FTS PHONE: 846-6337

PROJECT OBJECTIVES

To monitor and review the performance assessment aspects of DOE and other national and international waste management programs.

ACTIVITIES DURING JULY 1984

P. A. Davis wrote and submitted a trip report on the DOE/NRC workshop on the BWIP hydrologic testing done since July 1983 and on plans for future testing.

We completed a review of "Delphi Analysis of Radionuclide Release Scenarios for a Nuclear Waste Repository at the Hanford Site, Washington State," by J. D. Davis, A. K. Runchal, N. A. Baumann, and O. L. Ervin, 1983, RHO-BW-ST-42 P, Rockwell Hanford Operations, and "Disruption Scenario Analysis for a Nuclear Waste Repository in Hanford Site Basalts, Washington State," J. D. Davis and A. K. Runchal, 1983, RHO-BW-SA-311 P. The review was submitted to L. A. Peeters on July 30.

We have begun a review of the Salt Repository Project Performance Assessment Plan. Our initial impression is that the PAP is very uneven. For example, Chapters 6, Data Requirements, and 7, Total System Analysis, contain a combined total of 3 text pages and one figure. These two chapters are clearly inadequate. In contrast, Chapters 11, Operational Analysis, and 12, Analysis Credibility, are extensive and seem to be well done. We expect to submit a completed review in late August or early September.

PROGRAM: Short-Term Technical Assistance

FIN#: A-1165
Task IV

CONTRACTOR: Sandia National Laboratories BUDGET PERIOD: 10/83-
9/84

NMSS PROGRAM MANAGER: L. A. Peeters BUDGET AMOUNT: 50K

CONTRACT PROGRAM MANAGER: R. M. Cranwell FTS PHONE: 844-8368

PRINCIPAL INVESTIGATORS: R. L. Hunter FTS PHONE: 846-6337

PROJECT OBJECTIVES

To monitor and review the performance assessment aspects of DOE and other national and international waste management programs.

ACTIVITIES DURING JULY 1984

No activity.

A-1165, Task II
 1183.020
 July 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
I. Direct Manpower (man-months of charged effort)	0.7	3.9
II. Direct Loaded Labor Costs	5.0	37.0
Materials and Services	0.0	1.0
ADP Support (computer)	0.0	1.0
Subcontracts	1.0	36.0
Travel	0.0	1.0
Other	<u>1.0</u>	<u>3.0</u>
TOTAL COSTS	7.0	79.0

Other = rounding approximation by computer

III. Funding Status

Prior FY Carryover	FY84 Projected Funding Level	FY84 Funds Received to Date	FY84 Funding Balance Needed
140K	140K	140K	None

A-1165, Task IV
 1183.040
 July 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
I. Direct Manpower (man-months of charged effort)	0.1	0.8
II. Direct Loaded Labor Costs	1.0	8.0
Materials and Services	0.0	2.0
ADP Support (computer)	0.0	0.0
Subcontracts	0.0	0.0
Travel	2.0	2.0
Other	<u>-1.0</u>	<u>0.0</u>
TOTAL COSTS	2.0	12.0

Other = rounding approximation by computer

III. Funding Status

Prior FY Carryover	FY84 Projected Funding Level	FY84 Funds Received to Date	FY84 Funding Balance Needed
None	50K	50K	None

A-1165

TOTAL FOR 1183.020 and 1183.040

JULY 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
I. Direct Manpower (man-months of charged effort)	0.8	4.7
II. Direct Loaded Labor Costs	6.0	45.0
Materials and Services	0.0	3.0
ADP Support (computer)	0.0	1.0
Subcontracts	1.0	36.0
Travel	2.0	3.0
Other	0.0	3.0
TOTAL COSTS	9.0	91.0

Other = rounding approximation by computer

III. Funding Status

Prior FY Carryover	FY84 Projected Funding Level	FY84 Funds Received to Date	FY84 Funding Balance Needed
170K	220K	220K	None