

A1158

LPDR
Um-10 (2)
Um-11 (2)
Um-16 (2)
Sandia National Laboratories

Albuquerque, New Mexico 87185

WASTE DOCKET CONTROL CENTER

March 15, 1987

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Neil M. Coleman
Hydrology Section
Geotechnical Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Spring, MD 20910

Dear Mr. Coleman:

Enclosed is the monthly report on FIN A-1158, Repository Site Definition and Technology Transfer for February 1987. Please feel free to contact me at FTS 844-8368 or Charlene Harlan at FTS 844-8164 if you have any questions or comments.

Sincerely,

Jeffrey S. Philbin for
Robert M. Cranwell, Supervisor
Waste Management Systems
Division 6416

RMC:6416

Enclosures

Copy to:
Office of the Director, NMSS
Attn: Program Support
Robert Browning, Director
Division of Waste Management
Philip Justus
Division of Waste Management
Enrico Conti, Branch Chief
Division of Waste Management
Atef Elzeftawy
Health Siting & Waste Management Division
John Randall
Division of Radiation Programs and
Earth Sciences
6400 R. C. Cochrell
6410 N. R. Ortiz
6416 R. M. Cranwell
6416 C. P. Harlan
6416 G. F. Wilkinson

WM-RES
WM Record File
A1158
SNL

WM Project 10, 11, 16
Docket No. _____
PUR ✓
XLPR ✓ (B, N, S)

Distribution:
Coleman Joan-ticket

(Return to WM, 623-SS)

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PDR WMRES EXISANL PDR
A-1158

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MANAGEMENT ISSUES:

As of to-date no FY87 funding has been received for A1158. Because it is inappropriate to incur costs in anticipation of funding, there was a work stoppage on this project. Staff have been reassigned to other projects and may not be available in the future to continue with A1158 tasks.

PROGRAM: Task I, Repository Site Definitions

FIN#: A-1158

CONTRACTOR: Sandia National Laboratories

BUDGET PERIOD: 10/86 -
9/87

NMSS PROGRAM MANAGER: N. M. Coleman

BUDGET AMOUNT: - 0 -

CONTRACT PROGRAM MANAGER: R. M. Cranwell

FTS PHONE: 844-8368

PRINCIPAL INVESTIGATOR: C. P. Harlan

FTS PHONE: 844-8164

PROJECT OBJECTIVE

To develop RSDs for candidate host media and provide data for use in developing and testing performance assessment methodologies for the various media.

ACTIVITIES DURING FEBRUARY 1987

No activity.

PROGRAM: Task II, Technology Transfer

FIN#: A-1158

CONTRACTOR: Sandia National Laboratories

BUDGET PERIOD: 10/86 -
9/87

NMSS PROGRAM MANAGER: N. M. Coleman

BUDGET AMOUNT: \$135K

CONTRACT PROGRAM MANAGER: R. M. Cranwell

FTS PHONE: 844-8368

PRINCIPAL INVESTIGATOR: C. P. Harlan

FTS PHONE: 844-8164

PROJECT OBJECTIVE

To provide technical support for the transfer of the capability to use the information, analytical techniques, and tools developed for the NRC under the Performance Assessment Methodology program (FIN A-1266).

ACTIVITIES DURING FEBRUARY 1987

No activity due to work stoppage.

A-1158, Task II, Technology Transfer
0976.020
February 1987

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

	<u>Current Month</u>	<u>Year -to- Date</u>
I. Direct Manpower (man-months of charged effort)	0.0	1.8
II. Direct Loaded Labor Costs	0	12
Materials and Services	0	0
ADP Support (computer)	0	0
Subcontracts	0	55
Travel	0	0
Other (computer roundoff)	0	1
G & A	0	7
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TOTAL COSTS	0	75

PROGRAM: Task III, Maintenance of Computer Codes

FIN#: A-1158

CONTRACTOR: Sandia National Laboratories

BUDGET PERIOD: 10/86 -
9/87

NMSS PROGRAM MANAGER: N. M. Coleman

BUDGET AMOUNT: \$180K

CONTRACT PROGRAM MANAGER: R. M. Cranwell

FTS PHONE: 844-8368

PRINCIPAL INVESTIGATOR: C. P. Harlan

FTS PHONE: 844-8164

PROJECT OBJECTIVE

To implement a quality assurance program to maintain computer codes, report errors, document changes, and inform the NRC staff.

ACTIVITIES DURING FEBRUARY 1987

No activity due to work stoppage.

PROGRAM: Task IV, Code Validation and Verification FIN#: A-1158

CONTRACTOR: Sandia National Laboratories BUDGET PERIOD: 10/86 -
9/87

NMSS PROGRAM MANAGER: N. M. Coleman BUDGET AMOUNT: \$45K

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

PRINCIPAL INVESTIGATOR: C. P. Harlan FTS PHONE: 844-8164

PROJECT OBJECTIVE

To assemble the various tests that have been performed to help validate and verify various portions of relevant codes and recommend any additional feasible tests.

ACTIVITIES DURING FEBRUARY 1987

No activity due to work stoppage.

PROGRAM: Task V, Short-term Technical Assistance FIN#: A-1158

CONTRACTOR: Sandia National Laboratories BUDGET PERIOD: 10/86 -
9/87

NMSS PROGRAM MANAGER: N. M. Coleman BUDGET AMOUNT: \$20K

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

PRINCIPAL INVESTIGATOR: C. P. Harlan FTS PHONE: 844-8164

PROJECT OBJECTIVE

To provide general technical assistance on waste management matters relating to Tasks I-IV.

ACTIVITIES DURING FEBRUARY 1987

No activity.

A-1158, Task I, Repository Site Definition
0976.010
February 1987

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

	<u>Current Month</u>	<u>Year -to- Date</u>
I. Direct Manpower (man-months of charged effort)	0.0 —	0.0 —
II. Direct Loaded Labor Costs	0	0
Materials and Services	0	0
ADP Support (computer)	0	0
Subcontracts	0	0
Travel	0	0
Other (computer roundoff)	0	0
G & A	0	0
	—	—
TOTAL COSTS	0	0

A-1158, Task III, Maintenance of Computer Codes
0976.030
February 1987

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

	<u>Current Month</u>	<u>Year -to- Date</u>
I. Direct Manpower (man-months of charged effort)	0.0	5.8
II. Direct Loaded Labor Costs	0	44
Materials and Services	0	0
ADP Support (computer)	0	8
Subcontracts	0	57
Travel	0	0
Other (computer roundoff)	0	1
G & A	0	14
	<u>0</u>	<u>124</u>
TOTAL COSTS	0	124

A-1158, Task IV, Code Validation and Verification
0976.040
February 1987

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

	<u>Current Month</u>	<u>Year -to- Date</u>
I. Direct Manpower (man-months of charged effort)	0.0	0.3
II. Direct Loaded Labor Costs	0	2
Materials and Services	0	0
ADP Support (computer)	0	0
Subcontracts	0	33
Travel	0	0
Other (computer roundoff)	0	-1
G & A	0	4
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TOTAL COSTS	0	38

A-1158, Task V, Short-term Technical Assistance
0976.050
February 1987

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

	<u>Current Month</u>	<u>Year -to- Date</u>
I. Direct Manpower (man-months of charged effort)	0.0 —	0.0 —
II. Direct Loaded Labor Costs	0	0
Materials and Services	0	0
ADP Support (computer)	0	0
Subcontracts	0	0
Travel	0	0
Other (computer roundoff)	0	0
G & A	0	0
	—	—
TOTAL COSTS	0	0

A-1158

Total for 0976.010, 0976.020, 0976.030, 0976.040 and 0976.050
February 1987

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

	<u>Current Month</u>	<u>Year -to- Date</u>
I. Direct Manpower (man-months of charged effort)	0.0	7.9
II. Direct Loaded Labor Costs	0	58
Materials and Services	0	0
ADP Support (computer)	0	8
Subcontracts	0	145
Travel	0	0
Other (computer roundoff)	0	1
G & A	0	25
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TOTAL COSTS	0	237

III. Funding Status

<u>Prior FY Carryover</u>	<u>FY 87 Projected Funding Level</u>	<u>FY 87 Funds Received to Date</u>	<u>FY 87 Funding Balance Needed</u>
\$224K *	\$490K	\$0K	\$266K

* \$224K carryover less approximately \$113K of FY86 expenses incurred
but not costed out of project in FY86 leaves a balance of \$111K.