



WM DOCKET CONTROL  
CENTER

ENGINEERS INTERNATIONAL, INC.

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22 October 1986  
Ref. No. 1148-07-02  
Letter No. 081

WM-RES  
WM Record File  
D1004  
EI

WM Project 10, 11, 16  
Docket No. \_\_\_\_\_  
PDR   
LPDR B, N, S

U.S. Nuclear Regulatory Commission  
7915 Eastern Avenue  
Silver Spring, MD 20910

Distribution:  
Buckley  
(Return to WM, 623-SS) \_\_\_\_\_  
\_\_\_\_\_

Attention: Mr. John T. Buckley

Subject: Trip Report for Meetings Held September 29-30, 1986  
in Columbus, Ohio, and October 1-3, 1986 in Irvine,  
California.

Ladies and Gentlemen:

Please find enclosed the trip report for the subject meetings. We hope  
this agrees with your own record of the meetings. Should you have any  
comments or corrections, please contact me.

Sincerely,

ENGINEERS INTERNATIONAL, INC.

Madan M. Singh  
President

MMS/bt

Enclosure

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PDR WMRES EECENGI  
D-1004 PDR

3463

Trip Report

Contract No. NRC-02-84-002

Task Order 007 - Subtask 2

TECHNICAL ASSISTANCE FOR IN SITU TESTING

DATES/PLACES: 29-30 September 1986  
ONWI Headquarters  
Columbus, OH

1-3 October 1986  
Fluor Advanced Technology Division  
Irvine, CA

PURPOSE: Appendix 7 site assignment for review of  
pre-SCP design and data base documents.

PARTICIPANTS: R. Cummings - Engineers International, Inc. (EI)  
R. Hart - Itasca  
T. Verma - NRC  
N. Tanious - NRC  
J. Pearring - NRC

DISCUSSION:

1. Examined program integration network (Columbus).
2. Introduction to conceptual subsurface testing plans, conceptual repository layout and present schedule, synthetic reference data base, EDBH-related activities, development of seismic criteria for Shaft Design Guide (Columbus).
3. Examined draft Shaft Design Guide (Columbus). (Various team members examined other documents.)
4. Introduction to Conceptual Design Report (CDR), Shaft Design Guide, Waste Implacment Mode Study, Rod Consolidation Study, Quality Assurance Program Development, Designer's In-house Licensing Control, Development of CDR Data Base, Waste Package and Sealing Studies, and Subsurface Design (Conceptual) (Irvine).
5. Examined portions of the CDR at the Fluor facility (Irvine). Concentrated primarily on Chapter 5 (Shafts) and on Chapter 8 (Data Base Needs Identification). (Various team members concentrated on other chapters.) Some supporting studies to the CDR were made available (Irvine).
6. Preliminary exchanges of information with ONWI, DOE, Fluor, and other contractors took place.

TRAVEL COST BREAKOUT:

The travel cost breakout for Mr. Cummings is attached.

EMPLOYEE EXPENSE ACCOUNT

EMPLOYEE #

NAME: R. Cummings

SHEET

OF

APPROVED:

PROJECT/PROPOSAL #

PROJECT SHORT TITLE OR OFFICE ACCOUNT

PERIOD: 9/28/86 TO 10/4 19 86

NRC-02-84-002, Technical Assistance for In Situ Testing

DATE	LOCATION	EXPLANATION OF EXPENDITURE	RECEIPT/ VOUCHER #	AMOUNT U.S. DOLLARS
9/28	Tucson	Personal car miles to airport		2.73
9/28	Tus → CMH → LAX	Airfare		699.00
9/28	Columbus	Taxi		18.-
9/28	"	Local calls		.50
9/28	"	Motel		49.06
9/28	"	Meals		23.00
9/29	"	Meals		26.50
9/29	"	Motel		49.06
9/30	"	Meals		28.20
9/30	Irvine, CA	Motel		72.40
9/30	"	Local calls		.50
10/1	"	Motel		72.40
10/1	"	Meals		30.79
10/2	"	Motel		72.40
10/2	"	Meals		33.00
10/2	"	Long Distance		7.25
10/3	"	Motel		72.40
10/3	"	Meals		32.81
10/4	"	Meals		7.20

TOTAL (CREDIT ADVANCE ACCOUNT) 1,297.20

SIGNATURE:

Robert Cummings

DATE: 9 Oct 86

ACCOUNT #

REPORT #

ENTERED