



WM DOCKET CONTROL
CENTER

98 East Naperville Road
Westmont, IL 60559-1595

ENGINEERS INTERNATIONAL, INC.

Telephone: 312/963-3460
Facsimile: 312/968-6884
Telex: 280102 ICO OAKR
Cable: ENGINT

NOV 12 11:40

07 November 1986
Ref. No. 1148-07-02
Letter No. 086

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

Attention: Mr. John T. Buckley

Subject: Trip Report for the Meeting Held 14 October 1986 in
Silver Spring, MD.
Contract No. NRC-02-84-002
Task Order No. 007 - Subtask 2

Ladies and Gentlemen:

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

Sincerely,

ENGINEERS INTERNATIONAL, INC.

Madan M. Singh
President

MMS/bt

Enclosure

WM Record File
D1004

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

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

Sac

3398

B611190403 B61107
PDR WMRES EECENGI
D-1004 PDR

TRIP REPORT
CONTRACT NO. NRC-02-84002
TASK ORDER 007-Subtask 2

TECHNICAL ASSISTANCE FOR IN SITU TESTING

DATES/PLACES: 14 october, 1986
Willste Building
Silver Spring, MD

PURPOSE: Presentation and Discussion of the Draft Final Report,
Contract No. J0156004, "Grouting Efficiency in Vertical
Shafts"

PARTICIPANTS: R. Cummings - ENGINEERS INTERNATIONAL, INC. (EI)
D. Tiktinsky WMEG
J. Buckley WMEG
N. Tanious - WMEG
J. Pearring - WMEG
M. Nataraja - WMEG
D. Gupta - WMEG
J. Peshel - WMEG
B. Jagganath - WMEG
C. Taylor, USBM
E. Amey, USBM

DISCUSSION:

1. C. Taylor introduced the report and highlighted the technical contents and the conclusions. He also related the report content to the objectives and elements of the Scope of Work and indicated that the report appears to meet the technical requirements of the contract.

2. R. Cummings discussed the conclusions of the report by calling attention to various supporting technical discussions in the text. The conclusions in Chapter 6 were then described in detail. Mr. Cummings also responded to questions on inherent grout process limitations, limitations related to standardization of grouting practices in several forms of shaft construction, technical details of overall grouting procedure, and the relative probability of catastrophic failure resulting from voids in grout.

3. NRC suggested changes to be made to Chapter 1, provision of an Executive Summary, and several other lesser items, in revising the draft for final printing.

TRAVEL COST

BREAKDOWN: The travel cost breakout for Mr. Cummings is attached.