

Distribution; WM-85438
 WM file: 426-1 FIN A1755
 WMEG r/f
 NMSS r/f
 REBrowning
 MJBell
 JTGreeves
 MSNataraja
 JJPeshel
 HJMiller
 DRMattson
 LBHigginbotham
 PDR
 LPDR (B, N, S)

MAY 28 1985

426.1/JJP/85/5/20/0

- 1 -

Dr. R. M. Cranwell
 Waste Management Systems
 Division 6431
 Sandia National Laboratories
 Albuquerque, New Mexico 87185

Dear Dr. Cranwell:

SUBJECT: COMMENTS ON MONTHLY REPORT FOR FIN A-1755 (APRIL 1985)

I have received your report summarizing the activities during the month of April for FIN A-1755. Your report sufficiently addresses the details necessary to effectively monitor this contract. I have additionally received the following items:

- Progress report on analysis of stress distribution around underground openings.
- Trip reports on NRC/DOE meetings on SCP Performance Allocation and SCP Repository Design Information by J. Daemen and K. Wahi.

The above are being reviewed by the NRC staff and we will pass on any comments to you.

Following telephone conversation between John Peshel and K. Wahi on May 20, 1985, I am hereby providing written authorization for Dr. Krishan K. Wahi to attend the technical conference of the Institute of Shaft Drilling Technology on May 22-24, 1985 in Las Vegas, Nevada. This authorization is in accordance with Task 2 of the Statement of Work for FIN A-1755. Enclosed is the Agenda of the ISDT Annual Technical Conference.

The action taken by this letter is considered to be within the scope of the current contract (FIN A-1755). No changes to cost or delivery of contracted products are authorized. Please notify me immediately (FTS 427-4319) or

WM-RES
 WM Record File
A-1755
SNL
 WM Project 10, 11, 16
 Docket No. _____
 PDR
 LPDR B, N, S

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 PDR WMRES EXISANL
 A-1755 PDR

Distribution:

(Return to WM, 623-SS)

OFC	: WMEG	: WMEG	:	:	:	:	:
NAME	: JJPeshel	: jec	: MSNataraja	:	:	:	:
DATE	: 05/23/85	: 05/ /85	:	:	:	:	:

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John Peshel (FTS 427-4735) if you believe this letter would result in changes to cost or delivery of contract products.

Sincerely,

ORIGINAL SIGNED BY
Mysore S. Nataraja

Mysore S. Nataraja, Section Leader
Rock Mechanics Section
Engineering Branch
Division of Waste Management, NMSS

Enclosure:
As stated

OFC	: WMEG	<i>J.P.</i>	: WMEG	<i>Raj</i>	:	:	:	:	:
NAME	: JJPeshel	: jec	: MSNataraja	:	:	:	:	:	:
DATE	: 05/13/85	:	: 05/23/85	:	:	:	:	:	:

19th ANNUAL TECHNICAL CONFERENCE
Frontier Hotel - Las Vegas, Nevada
(Preliminary Program)

Wednesday, May 22, 1985

- Morning: "Overview of Concepts and Programs for a Proposed Two-Phased Repository in Basalt", H.B. Dietz, Rockwell Hanford Operations
- "Exploratory Drilling in Basalt at Hanford", C. T. Webster, Rockwell Hanford Operations
- "Key Factors in Determining Rig and Equipment Requirements versus Shaft Size to be Drilled", C. K. Presley, Consultant and F.C. Larvie, Morrison-Knudsen
- "Casing Design Concerns for an Exploratory Shaft in Basalt", Dave Becker, Rockwell Hanford Operations
- Afternoon: "Casing Port Hole Drilling in High Pressure Environment", Greg McLellan and Don Moak, Rockwell Hanford Operations
- "Controlled Bit Test", Wallace Hammer, Fenix & Scisson
- "Big Hole Measurement While Drilling", Carl Hawn, Reynolds Electrical and Engineering
- "Rotary Drilling Machine for Shaft Construction", J. R. Benjamin, Wirth

Thursday, May 23, 1985

- Morning: "Numerical Simulation of Fluid Flow and Chip Transport Beneath a 110-inch Diameter Large Shaft Drill Bit", T. L. Wilson and W. S. Gregory, Los Alamos National Laboratory
- "A Large Diameter Drilling Rig Design", Robert L. Parker, Jr., Parker Drilling Company
- "A Combination Blind-Raise Drill", Jim Friant, The Robbins Company
- "Cutter on Casing Shaft Sinking Method", Milton Head, Mining Consultant
- Afternoon: "Development in Raise Boring Bit Bodies", Euclid Worden, Drilco Industrial
- "Large Diameter Raise Boring Case Histories", Warren Harrison, Frontier-Kemper
- "Report of Angle Raise Boring Methods", Bruce Kirkpatrick, Raisebor, Inc.

Friday, May 24, 1985

- Morning: "Application of Water Jet Drilling to Shaft Drilling", Joe Neudecker, Jr., Los Alamos National Laboratory
- "Torque Tension Breakout - State of the Art", Jake McNeal and George Alther, LOR, Inc.
- "AOSTRA Report at Fort McMurray, Alberta, Canada", John Hopkinson, Patrick Harrison