



*see Pocket for
Enclosure*

WM DOCKET CONTROL
CENTER

Department of Energy
National Waste Terminal
Storage Program Office
505 King Avenue
Columbus, Ohio 43201

'83 AUG 25 P2:57

August 19, 1983

Hassell E. Hunter
Senior Staff Engineer
Production Engineering Services
Conoco, Inc.
5 Greenway Plaza East
Houston, Texas 77046

WM Record File
10611

WM Project 16
Docket No. _____
PDR
LPDR

Distribution:
H. Miller

(Return to WM, 623-SS) CZ

Dear Mr. Hunter:

I am pleased to invite you to be the featured speaker at the next meeting of representatives of the four salt states and the U.S. Nuclear Regulatory Commission (NRC). Your talk is scheduled for 10 a.m. Tuesday, September 20, in the Lecture Hall of Battelle Memorial Institute in Columbus, Ohio. As you know, the states of Louisiana, Mississippi, Texas, and Utah have potentially acceptable sites for the first repository; these bimonthly status meetings are part of the consultation process with them.

As indicated on the enclosed draft agenda, we would anticipate that your presentation would be about an hour, followed by questions from the audience. A slide projector will be available to you. In addition to the state and NRC people, the audience will include DOE and Battelle staff with an interest in your subject. Please plan to have lunch with us and to be available in the early afternoon if the state people have additional questions. We have asked Glen Stafford of Parsons-Redpath, our construction manager for the exploratory shaft, to attend and be available to participate in the discussion following your talk.

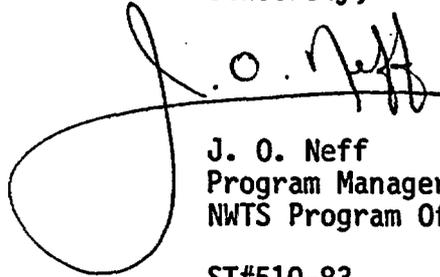
The state representatives will be particularly interested in hearing about the state-of-the-art in big hole drilling, what holes have been drilled, and the experience with drilling them. Other points relative to exploratory shaft development that you may want to cover include: drill and blast versus large diameter drilling and each technique's effects; long-term sealing capabilities and techniques; test and inspection procedures during excavation; liner design and installation. We are enclosing several reprints with the copies of this letter going to the state representatives and NRC that may be of interest to them as background information to your talk.

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Battelle's Office of Nuclear Waste Isolation has reserved a block of rooms at the Holiday Inn on the Lane (614/294-4848); please refer to this block reservation when you make your reservation and check in at the hotel. If you have any questions about the meeting, please call Leslie Casey of my staff at 614/424-5916. We are looking forward to your presentation on September 20.

Sincerely,



J. O. Neff
Program Manager
NWTS Program Office

ST#510-83

NPO:LAC:9677A

Enclosure: A. Draft Meeting Agenda for September 20-21, 1983 Meeting in Columbus, Ohio with Salt State Representatives and NRC.

B. Technical Reprints:

1. "Drilled Shaft Construction at Crownpoint, NM" by Hassell E. Hunter, June 12-16, 1983 RETC Proceedings (pp. 544-565).
2. "Exploratory Shafts and Underground Test Facility for The Waste Isolation Pilot Plant (WIPP)" by P. Frobenius et al, June 12-16, 1983 RETC Proceedings (pp. 365-386).
3. "Sinking the Silver Shaft" by Bruce A. McKinstry, June 12-16, 1983 RETC Proceedings (pp. 493-512).
4. "Sinking a Freeze Shaft with Installation of a Water-Tight, Flexible Lining" by K. Stoss and B. Braun, June 12-16, 1983 RETC Proceedings (pp. 513-532).
5. "Big Hole Drilling -- The State of the Art" by M.D. Lackey, June 12-16, 1983 RETC Proceedings (pp. 533-543).
6. "Drilling Large Diameter Holes" by J. H. Allen, Smith Tool Co.
7. "A Review of Reverse Circulation Air Lift Methods for Big Hole Drilling" by J. H. Allen, Smith Tool Co.

Hassell Hunter

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cc: with enclosures A & B

G. Tomsic, UT

S. Frishman, TX

H. Bohlinger, LA

R. Forsythe, MS

H. Miller, NRC

W. Bennett, DOE-HQ

cc: with enclosure A

G. Stafford, Parsons-Redpath

