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Mr. George Niewiadomski  
Division of Minerals, Health  
and Safety Technology  
U. S. Bureau of Mines  
2401 E. Street, NW  
Washington, DC 20241

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Dear Mr. Niewiadomski:

On February 25, 1983, the Bureau of Mines (BOM) and the Nuclear Regulatory Commission (NRC) met at the NRC office in Silver Spring, MD. This meeting was held to discuss technical areas that the BOM will be able to assist the NRC in the site characterization phase of repository development. This meeting also served as a bi-monthly meeting under the terms of the interagency agreement (NRC-02-80-075) between the BOM and the NRC. A meeting report is attached and will serve as a record of items discussed during the meeting.

If you have any questions, please contact me at (301) 427-4131.

**"ORIGINAL SIGNED BY"**

David H. Tiktinsky  
High-Level Waste Technical  
Development Branch  
Division of Waste Management

Attachment:  
As stated

cc: H. Nichols, BOM  
C. Fleenor, ADM-DC

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APR 13 1983

Meeting Report

Meeting between the Bureau of Mines (BOM)  
and the Nuclear Regulatory Commission (NRC)

Date: February 25, 1983

Place: U. S. Nuclear Regulatory Commission  
7915 Eastern Ave.  
Silver Spring, MD 20910

Participants:

<u>Name</u>	<u>Agency/Office</u>
David Tiktinsky (Project Manager)	NRC/WMHT
John Greeves (Section Leader, Design Section)	NRC/WMHT
Lawrence Chase (Design Section)	NRC/WMHT
George Niewiadomski (Project Manager)	BOM
John N. Murphy (Research Director), Pittsburgh Research Center	BOM
Edward D. Thimons (Supervisory Physicist), Pittsburgh Research Center	BOM

Summary of Conclusions, Suggestions, and Agreements:

- 1) It was agreed that the BOM will prepare a proposal on:  
  
What are the problems and considerations that must be looked into regarding the use of 2 foot diameter horizontal emplacement holes in hard fractured rock? What is the state-of-the-art of horizontal drilling equipment? Does this emplacement method and subsequent retrieval appear feasible with the requirements set forth in 10CFR60?
- 2) It was agreed that after the proposal is completed by the BOM, a meeting would be held between the NRC and BOM to further discuss and define the problem.
- 3) The NRC stated that it is imperative that the BOM continue to maintain a site specific review capacity for the NRC. BOM review

of site specific reports directly for DOE would be a problem for the NRC.

- 4) The NRC stated that any report produced by the BOM should be related to mining and be able to stand on its own merits. Significant reports will be provided to DOE and other interested parties.
- 5) The BOM stated that under the original interagency agreement the Bureau did not intend to spend more than 2-4 man years on reviewing documents.
- 6) The BOM stated that they preferred to do more work on the forefront of repository development rather than only review DOE's reports.