

AUG 20 1984

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Mr. William J. Bennett, Director  
 Geologic Repository Division  
 Nuclear Waste Policy Act Project Office  
 U.S. Department of Energy  
 Washington, D.C. 20545

Dear Mr. Bennett:

We recently published the report entitled "Assessment of Retrieval Alternatives for the Geologic Disposal of Nuclear Waste" (NUREG/CR-3489) prepared by our technical assistance contractor, Engineers International. This report discusses retrieval scenarios in salt, tuff and basalt. It should be of particular interest to those projects that are looking at retrieval in salt and for any horizontal emplacement concepts that may be used at any of the sites. We have attached two copies of the report for your use.

We also have the U.S. Bureau of Mines preparing for us a document entitled "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes." This report looks at long (200-700 ft) large diameter horizontal nuclear waste emplacement holes for multi-canister storage in hard rock. We will forward to you copies of this report when it is available. We think that a meeting between NRC and DOE to discuss both retrieval and horizontal drilling concepts should be scheduled for early next F.Y. This work was prepared by our Engineering Branch and if you have any comments or questions please call John T. Greeves of the Engineering Branch at (301) 427-4734.

Sincerely,

ORIGINAL SIGNED BY

Hubert J. Miller, Chief  
 Repository Projects Branch  
 Division of Waste Management

Attachment:  
As stated

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