



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

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Reply to:  
1050 E. Flamingo Rd.  
Suite 319  
Las Vegas, Nevada 89119  
October 22, 1986

Dr. Donald L. Vieth, Director  
Waste Management Project Office  
U.S. Department of Energy  
PO Box 14100  
Las Vegas, Nevada 89114-4105

Dear Dr. Vieth:

PROPOSED APPENDIX 7 VISIT TO THE OFFICES OF PARSONS BRINCKERHOFF and BECHTEL NATIONAL, INC., SAN FRANCISCO, CA, DURING THE WEEK OF NOVEMBER 17, 1986

The NRC Division of Waste Management proposes an Appendix 7 visit in San Francisco, CA to the Parsons Brinckerhoff Offices on November 18 and 19, 1986, and to the Bechtel National, Inc. offices on November 20, 1986. Dr. Thomas Hunter, Sandia National Laboratory and Mr. Larry Skausen, of your office, have been consulted.

The topics for discussion proposed by the NRC are as follows:

- o At the Parsons Brinckerhoff offices
  - Subsurface Conceptual Design Drawings
  - Feasibility of disposing of nuclear waste in horizontal configuration
  - Ventilation Analysis
  - Underground Facility Area requirements
  - Thermal Analysis
  - Design Considerations for faults, fractures and other anomalies.
  - Seismic Design considerations
  - Retrieval Strategy
  - Information needs for Design

o At the Bechtel National Inc. offices

- Surface Facilities Conceptual Design Drawings
- Safety Study for Items and Activities Important to Safety, Important to Waste Isolation and Retrievability

WM Record File 10252 WM Project 11  
 Docket No. \_\_\_\_\_  
 PDR   
 LPDR   
 Distribution:  
J. Linchan W. Still  
W. Stabkin  
 (Return to WM, 623-SS)  
 cc: D. Gupta  
J. Peshel  
J. Greeves

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- Design Margins Philosophy
- Seismic Design Criterion
- Operations Plan based on Current design
- One stage vs. two stage design.

The NNWSI personnel that the NRC staff would like to interact with are:

o Sandia National Laboratory

- Bob Stinebaugh
- Joe Tillerson
- C. Subramanian
- Leo Scully

o DOE - WMPO

- Larry Skausen
- Tim Zvada

o Parsons: Richard Harig

o Bechtel: Neil Norman

The NRC team members are Dr. Dinesh Gupta, Mr. John Peshel of the WNEG branch. I would also be present.

This visit would be conducted under the Appendix 7 rules and understanding. No advance preparation by NNWSI personnel is expected.

Please contact me on FTS: 598-6125 if there are any questions.

*Paul T. Prestholt*  
PAUL T. PRESTHOLT

Sr. On-Site Licensing Representative

cc: Dr. Thomas Hunter, Sandia; Mr. Larry Skausen, WMPO; Mr. Jerry Szymanski, WMPO; Mr. Michael Glora, SAIC; Mr. Carl Johnson, State of Nevada; Mr. John Linehan, NRC; Mr. John Greeves, NRC; Dr. King Stablein, NRC; Dr. Dinesh Gupta, NRC; Mr. John Peshel, NRC

PTP:nan