

Dr. Robert E. Browning MS 62355
From: Paul Holt - NRC

Browning



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

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August 8, 1986

Mr. O. L. Olson
Director, Basalt Waste Isolation Division
Office of Assistant Manager for Commercial Nuclear Waste
Richland Operations Office
U.S. Department of Energy
P.O. Box 550
Richland, Wa. 99352

Dear Mr. Olson:

Consistent with the provisions of Appendix 7 of the Site Specific Agreement between DOE and NRC, I am notifying you of Ms. Alma Hale's prospective assignment to this office during August 14, 1986 for an orientation tour of the project site facilities, including the NSTF. Her request for clearance to 200, 300, and 600 areas has been made through our regular channels for transferring security clearances.

Also in the context of Appendix 7 we are planning an assignment of three people cognizant in the area of repository design and rock mechanics for the period, August 20 to 21, 1986. They are J. Buckley, D. Tiktinsky and M. Board. Their clearances to the site are being requested via separate correspondence through Security.

They will have an interest in BWIP Project records and draft documents concerning repository and exploratory shaft and test facility design, rock mechanics analytical techniques, which exist or are in development, and geotechnical data concerning the design, particularly rock mechanics aspects. We would expect to communicate with DOE, and RHO personnel and have access to various records pertinent to our review. Our prime objective is to review available information and our communications would be oriented to obtaining the pertinent information. We do not anticipate any technical discussions at this time, although such discussions would be desirable, considering RHO staff efforts on planning activities, if time permits.

Specific items which we would like to review are as follows:

1. The Site Specific Requirements Document.
2. Engineering Study 11 Draft.
3. Repository Design Requirements Document Draft.
4. Repository Subsystem Description Draft.
5. SCP Conceptual Design Report for the 90% review in March, 1986.

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6. KE/PB's Interim Report on Improved Geotechnical Design/Analysis Methodology for the Advanced Conceptual Design, July, 1986, forwarded by KE/PB's letter, XKR 2788 of July 14, 1986.

7. KE/PB's Design Methodology Document.

8. KE/PB's work plan approved by RHO for the work reported in item 6 above.

9. Draft reports or SCP chapters which contain information regarding:

- a. Numerical models used in repository design, including rock mechanics analyses,
- b. Geostatistical information on basalt flow thickness pertinent to projection of the flow thickness at the repository horizon.

We would expect to discuss our observations with you and other cognizant project personnel as appropriate, prior to the visitors leaving Richland, consistent with this Office's basic objective of providing early feedback of OR staff observations.

Sincerely,

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F. Robert Cook
Senior On-Site Licensing
Representative, BWIP
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

DISTRIBUTION: Letter, Cook to Olson of August 8, 1985.

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