



Department of Energy

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

00-RU-0020

Mr. M. J. Lawrence, Executive Vice President
General Manager
BNFL Inc.
3000 George Washington Way
Richland, Washington 99352

Dear Mr. Lawrence:

**AUTHORIZATION BASIS AMENDMENT REQUEST, ABAR-W375-99-00008, REVISION 0,
NPH ANALYSIS AND DESIGN APPROACH**

- References:
- (1) BNFL letter from A. J. Dobson to Dr. D. C. Gibbs, RL, "Authorization Basis Amendment Request Regarding Natural Phenomena Hazard Analysis and Design Approach," letter 006883, dated October 8, 1999
 - (2) BNFL letter from A. J. Dobson to Dr. D. C. Gibbs, RL, "Authorization Basis Amendment Request Regarding Natural Phenomena Hazard Analysis and Design Approach," letter 006382, dated September 21, 1999
 - (3) BNFL letter from A. J. Dobson to Dr. D. C. Gibbs, RL, "Authorization Basis Amendment Request Regarding Natural Phenomena Hazard Analysis and Design Approach," letter 006083, dated September 9, 1999

On the basis of the enclosed safety evaluation, the Regulatory Unit approves Authorization Basis Amendment Request, ABAR-W375-99-00008, Rev. 0, to the Safety Requirements Document (SRD) of the Tank Waste Remediation System-Privatization (TWRS-P) Waste Treatment Plant. The amendment is in response to your letter dated September 9, 1999, Reference (3). Reference (3) was augmented by letters dated October 8, 1999, and September 21, 1999, References (1) and (2).

The amendment revises the design requirements and implementing standards for seismic and other natural phenomena hazards (NPH) contained in SRD Safety Criteria 4.1-2, 4.1-3, 4.1-4, and 4.1-5. The amendment revises or deletes current standards, and adds new standards to the SRD. In addition to addressing the basis for the SRD revision, the enclosed safety evaluation includes a description of the TWRS-P seismic design criteria and its basis.

As a part of the amendment implementation process, please submit within 14 days of receipt of this letter the revised page(s) of the SRD and a SRD revision page identifying all SRD revisions to date. This amendment is effective immediately and shall be fully implemented within 30 days

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(i.e., the provisions of the amendment may be used immediately; within 30 days, controlled copies of the SRD and subordinate documents will be modified to reflect the changes associated with this amendment).

Nothing in this letter should be construed as changing the Contract (DE-AC06-96RL13308). If you have any questions, please contact me or George Kalman of my staff on (509) 372-0 652.

Sincerely,

D. Clark Gibbs, Regulatory Official
Office of Safety Regulation of the
TWRS-P Contractor

Enclosure

cc w/encl:
D. W. Edwards, BNFL