

Private Fuel Storage, L.L.C.

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COMMITMENT RESOLUTION LETTER #23
DOCKET NO. 72-22 / TAC NO. L22462
PRIVATE FUEL STORAGE FACILITY
PRIVATE FUEL STORAGE L.L.C.

In accordance with our January 5, 2000 conference call, Private Fuel Storage (PFS) submits the following resolution to NRC/CNWRA questions and comments regarding geotechnical issues for the Private Fuel Storage Facility (PFSF).

NRC Questions and Comments

1. The discussion in Section 2.6 of the SAR needs to be revised such that it clearly reflects the proposed cask storage pad foundation design as shown in SAR Figure 4.2-7. The calculations that support the discussion in this section also need to be revised to clearly reflect the proposed design.
2. The NRC suggested that Tables 1, 2, and 3 on pages 50, 51, and 52 respectively of calculation 05996.02-G(B)-04, Rev 4 and the Table on page 34-1 of calculation 05996.02-G(B)-13, Rev 1 be updated and summarized in applicable sections of the SAR.

PFS Response

1. PFS will update Calculation 05996.02-G(B)-04 Revision 4 to incorporate the beneficial effects of using soil cement beneath and around the pads in the stability analyses of the cask storage pads and revise SAR Chapter 2 accordingly. This update will address the increased resistance provided by the presence of the soil cement to both sliding and overturning (dynamic bearing capacity) of the cask storage pads due to the design basis ground motion. It will also include the revised vertical soil bearing pressures and horizontal shear forces applicable for the 2,000-yr return period design ground motion, which were determined in Calculation 05996.02-G(PO17)-2, Rev 1.

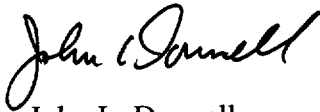
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2. PFS will add discussion of the overturning (dynamic bearing capacity) analyses of the Canister Transfer Building (summary presented on page 34-1 of Calculation 05996.02-G(B)-13, Rev 1) to SAR Chapter 2.

PFS will provide these analyses and updates in Revision 9 of the SAR, which is scheduled to be submitted January 24, 2000. If you have any questions regarding this response, please contact me at 303-741-7009.

Sincerely



John L. Donnell
Project Director
Private Fuel Storage L.L.C.

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