

Private Fuel Storage, LLC

P.O. Box C4010, La Crosse, WI 54602-4010

John D. Parkyn, Chairman of the Board

August 24, 1999

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

REQUEST FOR EXEMPTION TO 10 CFR 72.102(f)(1)
SEISMIC DESIGN REQUIREMENT
DOCKET NO. 72-22/TAC NO. L22462
PRIVATE FUEL STORAGE FACILITY
PRIVATE FUEL STORAGE L.L.C.

Reference 1: PFS letter, J. Parkyn to M. Delligatti, Request for Exemption to 10 CFR 72.102(f)(1), dated April 2, 1999

Reference 2: PFS letter J. Donnell to U.S. NRC Document Control Desk, Commitment Resolution Letter #14, dated August 6, 1999

In Reference 1, Private Fuel Storage L.L.C. (PFS) submitted an exemption request to change the methodology for calculating the design earthquake for the Private Fuel Storage Facility (PFSF) from a deterministic approach to a probabilistic, risk-informed approach. The exemption request provided justification for this approach, and stated that the design basis ground motion at the PFSF site would be based on a 1,000 year recurrence interval. Based on recent discussions with the NRC, PFS has decided to use a 2,000 year recurrence interval to calculate the PFSF design basis ground motion (Reference 2). This will provide a greater margin of safety than the 1,000 year recurrence interval specified in Reference 1. PFS requests that the NRC continue to review and evaluate its Reference 1 exemption request, based on a revised design basis ground motion with a 2,000 year recurrence interval. As shown in Table 1 of the report attached to Reference 1 prepared by Geomatrix Consultants, Inc., this results in peak ground accelerations of 0.53g horizontal (two directions) and 0.53g vertical. PFSF License Application amendment #5, scheduled for issuance on August 27, 1999, will incorporate this change to the PFSF design basis.

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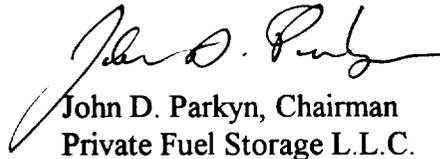
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Should you have any questions concerning this letter, please contact me at 608-787-1236 or our project director, Mr. John Donnell, at 303-741-7009.

Sincerely,



John D. Parkyn, Chairman
Private Fuel Storage L.L.C.

cc: John Donnell
Jay Silberg
Sherwin Turk
Asadul Chowdhury
Murray Wade
Scott Northard
Denise Chancellor
Richard E. Condit
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