

Mr. Scott Northard, Project Manager
 Private Fuel Storage, LLC
 c/o NSP
 414 Nicollet Mall, RS7
 Minneapolis, MN 55401

SUBJECT: REQUEST FOR REFERENCES-DOCKET NUMBER 72-22

Dear Mr. Northard:

Enclosed is a list of reference documents needed by the Nuclear Regulatory Commission staff as part of its review of the Private Fuel Storage, LLC application. Please forward these documents by January 15, 1998, to:

Dr. Asadul H. Chowdhury, Manager
 Repository Design, Construction, and Operations
 Center for Nuclear Waste Regulatory Analyses (CNWRA)
 6220 Culebra Road
 P.O. Drawer 28510
 San Antonio, TX 78228

If all of the documents cannot be provided by the requested date, please provide as many as possible, with an estimate of the date the remaining documents can be made available. Delays in providing the references could impact the review schedule.

If you have any questions, please contact me at 301-415-8518.

Sincerely,

original signed by Eric Leeds for

Mark S. Delligatti, Senior Project Manager
 Spent Fuel Project Office
 Office of Nuclear Material Safety
 and Safeguards

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Docket 72-22

Enclosure: As Stated

cc. PFS Service List

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Private Fuel Storage

cc:

Mr. John D. Parkyn
Chairman of the Board
Private Fuel Storage, L.L.C.
P. O. Box C4010
La Crosse, WI 54602-4010

Mr. Scott Northard
Project Manager
Private Fuel Storage, L.L.C.
c/o NSP, 414 Nicollet Mall, RS&
Minneapolis, MN 55401

The Honorable Michael O. Leavitt
Governor of Utah
Salt Lake City, UT 84114-0601

Mr. Leon D. Bear, Chairman
Skull Valley Band of Goshute Indians
P. O. Box 150
Grantsville, UT 84029

Mr. Jack Gerard
McClure, Gerard and Neunschwander
201 Maryland Avenue, NE
Washington, DC 20002

Dr. Diane R. Nielson, Executive Director
Utah Department of Environmental Quality
16 North 1950 West
Salt Lake City, UT 84116

Mr. David Allison, Superintendent
Uintah and Ouray Agency
Bureau of Indian Affairs
Dept. of Interior
Fort Duchesne, UT 84026

REFERENCES FOR PFSF

1. Arabasz, W.J., Pechmann, J.C., and Brown, E.D., 1987, Evaluation of seismicity relevant to the proposed siting of a Superconducting Supercollider (SSC) in Tooele County, Utah: Technical report for the Dames and Moore Utah SSC Proposal Team, June 1987, 107 pp.
2. Ashcroft, G.L., D.T. Jensen and J.L. Brown, 1992, Utah climate: Logan, UT, Utah Climate Center, Utah State University, 127 p.
3. Baer, J.L. and Bensen, A.K. 1987, Results of gravity survey, Skull Valley - Ripple Valley, Tooele County, Utah, in Dames and Moore, The Ralph M. Parsons Company, and Roger Foott Associates, Inc. (preparers), Site Proposal for the Superconducting Super Collider, Geotechnical Report, v.2, pages E1-E8.
4. CECSAP Computer Program, Version 1.0, International Civil Engineering Consultants, Inc., October 1996.
5. Deterministic Earthquake Ground Motion Analysis, Private Fuel Storage Facility, prepared by Geomatrix Consultants, Inc. and William Lettis & Associates, SWEC Report No. 0599601-G(P05)-1, Revision 0.
6. Development of Soil and foundation Parameters in Support of Dynamic Soil-Structure Interaction Analysis, Calculation No. 05996.01 G(P05)-1, Geomatrix Consultants, Inc., March 31, 1997.
7. DOE/RW-0184-R1, Characteristics of Potential Repository Wastes, Office of Civilian Radioactive Waste Management, U.S. Department of Energy, July 1992.
8. EPRI NP-7551, Structural Design of Concrete Storage Pads of Spent Fuel Casks, Electric Power Research Institute, 1991.
9. Everitt, B.L. and Kaliser, B.N., 1980, Geology for assessment of seismic risk in the Tooele and Rush Valleys, Tooele County, Utah: Utah Geological and Mineral Survey Special Study 51, 33 pp.
10. Helm, J.M., 1994, Structure and tectonic geomorphology of the Stansbury fault zone, Tooele County, Utah, and the effect of crustal structure on Cenozoic faulting patterns, M.S. thesis, Univ. of Utah, Salt Lake City, Utah, 128 pp.
11. Holtec Report HI-971645, Radiation Shielding Analysis for the Private Fuel Storage Facility. Holtec International, March, 1997.
12. Hood, J.W., and Waddell, K.M., 1968, Hydrologic reconnaissance of Skull Valley, Tooele County, Utah, DNR Tech Pub. No. 18, 57 pp.
13. International Civil Engineering Consultants, Inc., Pad Analysis and Design, Calculation No. SC(PO 17)-1, Revision 0.

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14. J & R Engineering Company Inc., Cask Transporter Catalog Data.
15. Multi-Cask Seismic Response at the PFS ISFSI, Holtec International, Holtec Report HI-971631, Revision 1.
16. National Oceanic and Atmospheric Administration, National Environmental Satellite, Data, and Information Service, National Climatic Data Center, 1992, Local climatological data, annual summary with comparative data for 1991: Salt Lake City, Utah.
17. PFSF Security Plan, Revision 0.
18. Private Fuel Storage Facility Design Criteria, Section 4.0, Geotechnical Design Criteria, Revision 2.
19. Sack, Dorothy, 1993, Quaternary geologic map of Skull Valley, Tooele County, Utah: Utah Geological Survey Map 150, Scale 1:100,000, 16 p.
20. Safety Analysis Report for the TranStor Shipping Cask System, SNC-95-71SAR, Sierra Nuclear Corporation, Revision 1, Docket 71-9268, September 1996.
21. Safety Analysis Report for the TranStor Storage Cask System, SNC-96-72SAR, Sierra Nuclear Corporation, Revision B, Docket 72-1023, March, 1997.
22. SASSI Computer Program for IBM/RS-6000 Workstation, Version 1.2, International Civil Engineering Consultants, Inc., March 1997.
23. Scoping Seismic Analyses of HI-STORM on a Western Area ISFSI, Holtec International, Holtec Report HI-961574, Revision 0.
24. Sierra Nuclear Corporation Design Calculation No. PFS01.10.02.03, Revision 0. Private Fuel Storage SKYSHINE-II ISFSI Dose Rate Calculation (4000 Casks). April 10, 1997.
25. SWEC, 1997, Calc. No. 05996.01-G(B)-02, 95 pp.
26. Topical Safety Analysis Report for the Holtec International Storage and Transfer Operation Reinforced Module Cask System (HI-STORM 100 Cask System), Holtec Report HI-951312, Revision 2, Docket 72-1014, May, 1997.
27. Topical Safety Analysis Report for the Holtec International Storage, Transport, and Repository Cask System (HI-STAR 100 Cask System), Holtec Report HI-951251, Revision 4, Docket 71-9261, September 1996.
28. USDA, undated, Soil survey of Tooele County, Utah, unpublished maps and data, National Resources Conservation Service, Tooele, UT.
29. Security Force Training and Qualification Plan.
30. Safeguards Contingency Plan.
31. Emergency Plan.

- 32. Preoperational Test Plan.
- 33. Operational Readiness Review Plan.
- 34. Operating Startup Plan.
- 35. Preliminary Decommissioning Plan.