



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

72-1014
71-9261
72-22

May 6, 1997

MEMORANDUM TO: William F. Kane, Director
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

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

SUBJECT: SUMMARY OF THE APRIL 24, 1997, MEETING BETWEEN
THE NUCLEAR REGULATORY COMMISSION STAFF AND
PRIVATE FUEL STORAGE, LLC

Staff from the U.S. Nuclear Regulatory Commission met with representatives of Private Fuel Storage (PFS), a limited liability company, on April 24, 1997, at NRC Headquarters in Rockville, Maryland. The purpose of this second pre-application meeting was to discuss siting issues associated with PFS's proposed application to construct and operate an away-from-reactor independent spent fuel storage installation (ISFSI) on the Skull Valley Goshute Indian Reservation in Skull Valley, Utah. Others attending the meeting included representatives of: the State of Utah; American Electric Power; Stone and Webster; Booz, Allen & Hamilton; McClure, Gerard & Neueschwander; NUS; Ibex Engineering; Geomatrix; and Bonneville News, which videotaped the meeting for a Utah television station. Attachment 1 is a copy of the attendance list. This meeting was noticed on April 4, 1997.

The representatives of PFS and its contractors described plans to use the appropriate NRC guidance documents in the preparation of the ISFSI SAR. Attachment 2 includes several overhead slides used in the PFS presentations. In these presentations, it was stated that historical seismic data on the area was available from several sources, including the record on the Envirocare facility and the Utah Supercollider project. The specific geology and seismology of Skull Valley and the basin and range, of which it is a part, were described. It was reported that there has been, generally, a low level of seismic activity in the region. PFS plans to use extremely conservative

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bounding assumptions with regard to all site and cask-system design parameters. The staff noted that some of the assumptions appeared to be more conservative than what is reflected in currently docketed applications.

According to PFS, an application will be submitted to the staff in June 1997. The staff stated the importance of submitting a complete high-quality application.

Please let me know if you wish to discuss the contents of this meeting summary.

Attachments: 1. Attendance List
2. PFS Slides

cc: Ms. Denise Chancellor, State of Utah
Mr. William Sinclair, State of Utah
Ms. Heather Westra, Prairie Island Dakotas

Distribution: (w/attachments)

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ATTENDANCE LIST

Meeting Between Private Fuel Storage, LLC and the
U.S. Nuclear Regulatory Commission on the
Skull Valley Goshute Indian Reservation ISFSI

February 20, 1996

<u>Name</u>	<u>Affiliation</u>
Mark S. Delligatti	NRC/SFPO
Steve McDuffie	NRC/SFPO
Michael G. Raddatz	NRC/SFPO
Max DeLong	Private Fuel Storage
Kent Gray	Utah DEQ
T. Satyan Sharma	American Electric Power
Bill Hennessy	Stone & Webster
Richard Gillespie	Stone & Webster
John Donnell	Stone & Webster
James Doman	Booz-Allen (DOE)
Tod Neuenschwander	McClure, Gerard & Neuenschwander
Donald Chung	NUS LIS
Steve Schulin	Ibex Engineering
Kevin Coppersmith	Geomatrix
Jay Silberg	Shaw, Pittman
James Steinke	Newport News Nuclear
Marlis Majerus	Bonneville News
Ron Eisenbarth	Bonneville News



DESCRIPTION OF SEISMOTECTONIC SETTING

- **Seismotectonic Setting**
- **Regional Potential Seismogenic Sources**
- **Potential Seismogenic Sources within 100 km of the Site**
- **Other Mapped Features in the Vicinity of the Site**
- **Seismic Sources Included in Ground Motion Analyses**

DETERMINISTIC GROUND MOTION ANALYSIS

- **Maximum Earthquake Magnitudes**
- **Ground Motion Attenuation Relationships**
- **Recommended Response Spectra**

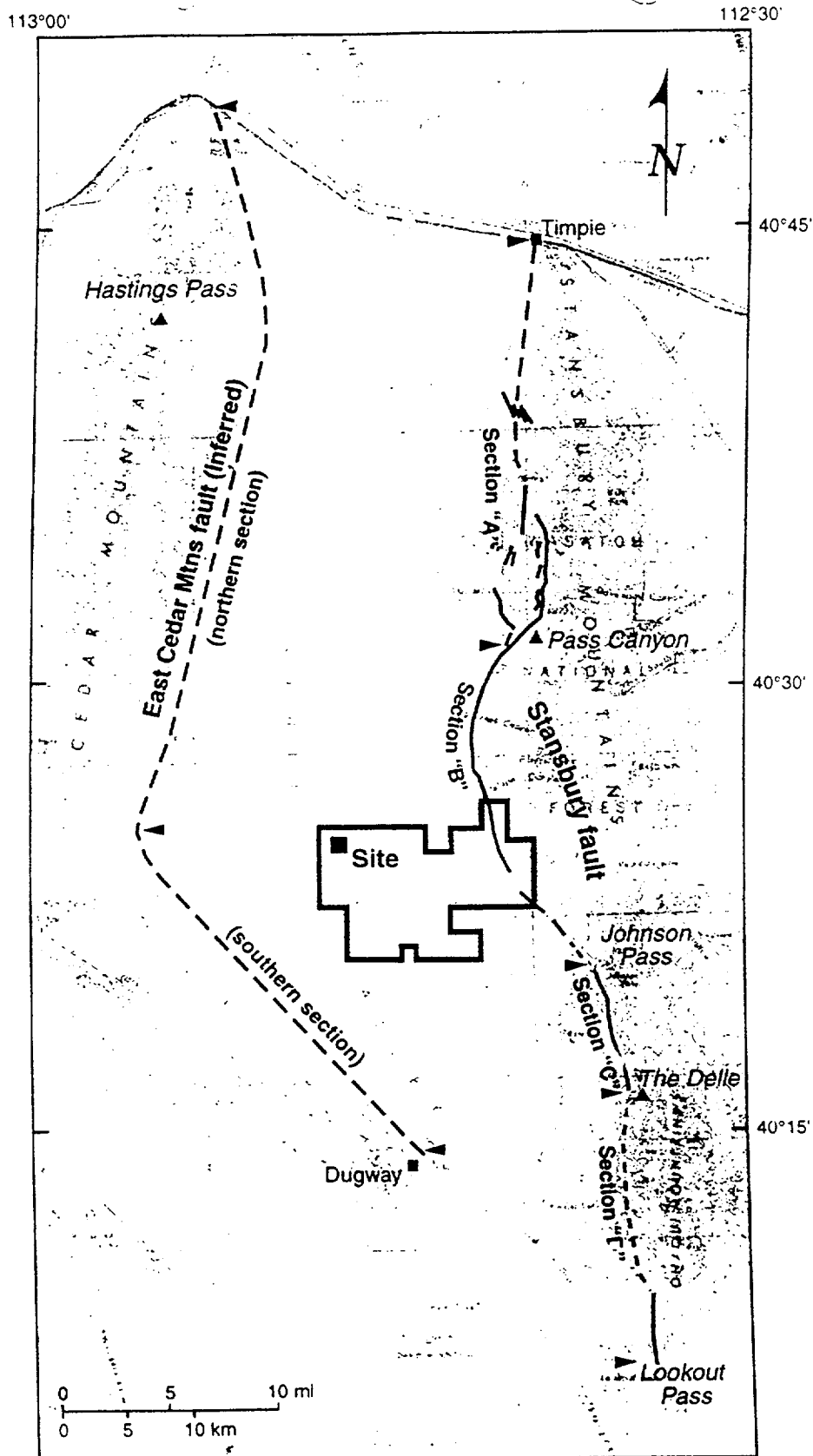


Figure 4-2 Sections of the Stansbury and East Cedar Mountains Faults. East Cedar Mountains fault after Hood and Waddell (1968); Stansbury fault after Helm (1995), Hecker (1993), and Sack (1993). Triangles show section ends.