

Jun 12, 2000

MEMORANDUM TO: Susan F. Shankman, Director  
Licensing and Inspection Directorate  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

FROM: Mark S. Delligatti, Senior Project Manager /RA/ original signed by /s/  
Spent Fuel Licensing Section  
Licensing and Inspection Directorate  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF THE MAY 25, 2000, MEETING BETWEEN THE  
NUCLEAR REGULATORY COMMISSION AND PRIVATE FUEL  
STORAGE, LIMITED LIABILITY CORPORATION

Staff of the U.S. Nuclear Regulatory Commission (NRC) met with representatives of Private Fuel Storage, Limited Liability Company (PFS) on May 25, 2000, at the Center for Nuclear Waster Regulatory Analyses (CNWRA) in San Antonio, TX. The CNWRA is Spent Fuel Project Office's technical assistance contractor for review of PFS's application for a license to receive, transfer, and possess power reactor spent fuel and other radioactive material associated with spent fuel storage at an away-from-reactor independent spent fuel storage installation (ISFSI). Additional NRC staff participated via telephone from NRC headquarters in Rockville, Maryland. An attendance list is included as Attachment 1. This meeting was noticed on May 8, 2000.

Attachment 2 is a list of the subjects of the open items discussed at the meeting. The two major areas discussed were (1) issues associated with the demonstration of the stability of the foundations of the storage pads and the canister transfer building, and (2) issues associated with military aircraft use of air space near the proposed PFS facility. During the course of the meeting, the staff described the information needed to complete the safety evaluation. With regard to the aircraft information, PFS representatives discussed their efforts to obtain information from the U.S. Department of the Air Force and recent efforts to complete its own analysis of this data, prior to submitting it to NRC. Attachment 3 was used by the NRC staff in the discussion of the first set of issues.

NRC staff informed PFS that to have sufficient time to complete its safety review and safety evaluation report on September 30, 2000, all information must be received by the staff no later than June 30, 2000. PFS representatives indicated that they believed that they could provide all data by June 30, 2000.

During the course of the meeting, no regulatory decisions were requested or made.

Docket No. 72-22

Attachments: 1. Attendance List  
2. List of Open Items  
3. Graphic on Soil Stability

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G:\PFS\May Meet Sum.WPD

<b>OFC</b>	SFPO	HC	SFPO	HC	SFPO	N	SFPO	
<b>NAME</b>	MDelligatti		VTharpe		MGBailey		JRHall	
<b>DATE</b>	06/06/00		06/08/00		06/09/00		06/12/00	

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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSIS MEETING ATTENDANCE

Subject of Meeting: NRC/PFS Public Meeting

DATE: May 25, 2000

Location: SWRI Bldg. 189, Room A103E-W

PERSON	LOCATION	TITLE/FUNCTION	TELEPHONE NO.
Marissa Bailey	NRC/SFPO	Project Manager	(301) 415-8531
John L. Donnell	PFS	Project Manager	(303) 741-7009
Jerry L. Cooper	S&W	Project Engineer	(303) 741-7139
Paul A. Gaukler	Shaw Pittman		(202) 663-8304
Paul J. Trudeau	S&W	GeoTech Engr	(617) 589-8473
Thomas Y. Chang	S&W	GeoTech Consultant	(617) 589-5745
Daniel J. Pomerening	SWRI	Principal Eng	(210) 522-2318
Goodluck Ofoegbu	CNWRA	Snr Res Engr	(210) 522-6641
Asad Chowdhury	CNWRA	Mgr - MDFE	(210) 522-5151
Amitava Ghosh	CNWRS	Principal Engineer	(210) 522-3314
Budhi Sager	CNWRA	Tech. Director	(210) 522-5158
Wesley C. Patrick	CNWRA	President CNWRA	(210) 522-5158
*Mark Delligatti	NRC/SFPO	Sr. PM	(301) 415-8518
*Kaz Campe	NRC/NRR	Sr. Reactor Analyst	(301) 415-2858
Rui Chen	CNWRA	Sr. Research Engr	(210) 522-5152
John Stamatakos	CNWRA	Sr. Res. Inst	(210) 522-5247

\*Attending via telephone from Rockville, MD

- **Bearing Capacity of Storage Pads and Canister Transfer Building Under Static Loads**
- **Sliding Stability of Storage Pads Under Dynamic Loads**
- **Bearing Capacity of Storage Pads and Canister Transfer Building Under Dynamic Loads**
- **Sliding Stability of Canister Transfer Building Foundation Under Dynamic Loads**
- **Seismic analysis of cranes using design acceleration values**
- **Calc. Package SC-10**
- **Other load cases in ANSYS**
- **Overturing of Site Transporters from Impact with a Tornado Missile or During a Design-Basis Earthquake**
- **Hazards Posed by Aircraft Flights into and out of Michael Army Air Field**
- **Hazards Posed by Aircraft Flying to and from Hill Air Force Base and over the Utah Test and Training Range**
- **Hazards Posed by Firing of Air-Delivered Munitions on the UTTR**
- **Cumulative Impact of Aircraft Accident Potential**
- **Onsite Explosion Hazards**
- **Onsite Fire Hazards**
- **Correlating Meteorological Data from Onsite Measurement Program with Data Collected at Nearby Stations**
- **Contention JJ**

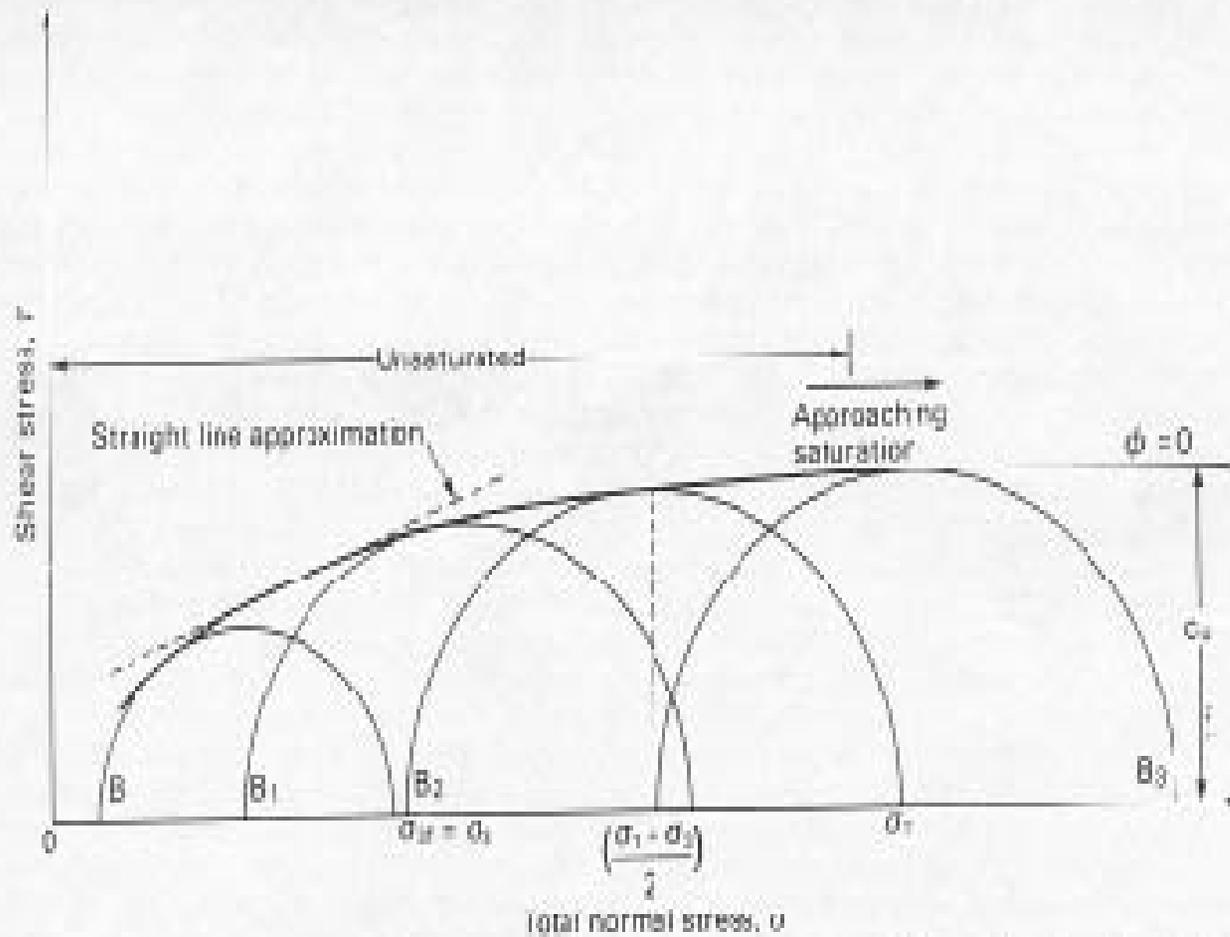


Figure 9.38 Shear stress versus total normal stress relationship at failure for the undrained test.