

May 11, 2004

RAS 7756

DOCKETED 05/12/04

Michael C. Farrar, Chairman
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. Peter S. Lam
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. Paul B. Abramson, Esq.
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555

In the Matter of
Private Fuel Storage L.L.C.
(Independent Spent Fuel Storage Installation)
Docket No. 72-22-ISFSI

Dear Administrative Judges:

On April 20, 2004, the NRC Staff ("Staff") served upon the Atomic Safety and Licensing Board, Counsel for the State of Utah ("State") and Counsel for Private Fuel Storage, L.L.C. ("PFS") the Staff's evaluation of F-16 aircraft crash angles and speeds entitled, "NRC Staff's Evaluation of Aircraft Impact Speeds and Angles Considered by Private Fuel Storage, LLC in its Analyses of Skull Valley Type Events" (Campe, K. M., Ghosh, A., April 20, 2004).

By separate transmittal on this date, the Staff is serving upon the Licensing Board, Counsel for the State and Counsel for PFS, nine (9) additional reports, which provide the Staff's evaluation of the consequences and probability of an accidental aircraft or ordnance impact at the PFS Facility. These are as follows:

Structural Consequences

1. NRC Staff 's Evaluation of Jettisoned Ordnance Impact Effects on the Proposed Private Fuel Storage Facility, Shewmaker, R. E. (U.S. Nuclear Regulatory Commission, Washington, DC, May 11, 2004).
2. NRC Staff 's Evaluation of the Structural Consequences of an Accidental F-16 Aircraft Crash Event at the Proposed Private Fuel Storage Facility, Shewmaker, R. E., Bjorkman, G. S. (U.S. Nuclear Regulatory Commission, Washington, DC, May 11, 2004).

3. Confirmatory Structural Analyses of an Accidental F-16 Crash Event onto the Proposed Private Fuel Storage Facility (HI-STORM 100 Dry Cask Storage System), Kalan, R. J, Gwinn, K. W., Metzinger, K. E., and Ammerman, D. J. (Sandia National Laboratories, Albuquerque, NM, May 11, 2004).
4. Confirmatory Analysis of an Accidental F-16 Crash Event onto the Proposed Private Fuel Storage Facility - Canister Transfer Building, Aramayo, G. A. (Oak Ridge National Laboratory, Oak Ridge, TN, May 11, 2004).

Evaluation of State of Utah's Analyses of Structural Consequences

5. NRC Staff's Evaluation of the State of Utah's Report: Structural Evaluation of Impacts from F-16 Aircraft and Military Ordnance on Holtec HI-STORM 100 Overpack and Multi-Purpose Canister, Bjorkman, G. S. (U.S. Nuclear Regulatory Commission, Washington, DC, May 11, 2004).
6. Review of State of Utah's Analysis of the Private Fuel Storage Facility for Impact from MK-84 Ordnance and F-16 Aircraft Consequences, Aramayo, G. A. (Oak Ridge National Laboratory, Oak Ridge, TN, May 11, 2004).

Jet Fuel Fire

7. NRC Staff's Evaluation of a Potential Fuel Fire at the Proposed Private Fuel Storage Facility in an Accidental F-16 Aircraft Crash Event, Bajwa, C. S. (U.S. Nuclear Regulatory Commission, Washington, DC, May 11, 2004).
8. Confirmatory Thermal Analyses of an Accidental F-16 Crash Event onto the Proposed Private Fuel Storage Facility (HI-STORM 100 Dry Cask Storage System), Lopez, C., Kalan, R. J (Sandia National Laboratories, Albuquerque, NM, May 11, 2004).

Event Probability

9. NRC Staff's Evaluation of Private Fuel Storage, L.L.C. Aircraft Crash Probability Assessment, Damon, D. R. (U.S. Nuclear Regulatory Commission, Washington, DC, May 11, 2004).

The nine reports which the Staff is filing today contain safeguards information and are therefore being served only upon the Licensing Board, Counsel for PFS and Counsel for the State. As set forth therein, the Staff has concluded that an accidental aircraft or ordnance impact at the proposed PFS Facility does not pose a credible hazard to public health and safety.

Sincerely,

/RA/

Sherwin E. Turk
Counsel for NRC Staff

cc: Service List