

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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

AFFIDAVIT OF JACK GUTTMANN

COUNTY OF MONTGOMERY)
) SS:
STATE OF MARYLAND)

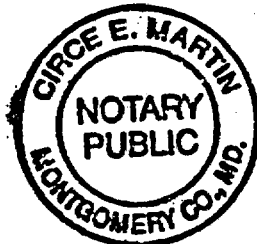
Jack Guttman, having first been duly sworn, does hereby state as follows:

1. I am employed as a Senior Nuclear Engineer in the Spent Fuel Project Office, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, in Washington, D.C.
2. I have reviewed the foregoing responses of the NRC Staff to the "State of Utah's Third Set of Discovery Requests Directed to the NRC Staff (Utah Contention H)," and verify that they are true and correct to the best of my information and belief.


Jack Guttman

Sworn to before me this
7th day of January 2000


Notary Public



My commission expires: March 1, 2003

Jack Guttman
Senior Nuclear Engineer
Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards (NMSS)
U. S. Nuclear Regulatory Commission

B.S. in Mechanical Engineering, Michigan Technological University, 1973
M.S. Nuclear Engineering, University of Michigan, 1974

Mr. Guttman has experience in nuclear engineering related to thermal-hydraulic and mechanical engineering analysis. Mr. Guttman worked at the Idaho National Engineering Laboratory as a contractor to the NRC in the area of thermal-hydraulic computer code validation and analysis. He performed analyses that quantified the conservatism between the accident analysis requirements for licensing nuclear power plants (10 C.F.R. Part 50, Appendix K), validated the computer code RELAP for regulatory application by the NRC, and performed independent confirmatory transient and accident analyses of operating reactor events and safety issues defined by the NRC.

While working at the NRC, Mr. Guttman was responsible for reviewing and approving the computer codes used by the nuclear industry for transient and accident analysis. He was the Office of Nuclear Reactor Regulation (NRR) representative on the Advanced Code Review Committee, the Loss of Fluid Test Facility, and the Semiscale Test Facility. Mr. Guttman performed independent analyses of plant operating events, including regulatory responses to the TMI event. He was a member of the BWR Bulletins and Orders Task Force that reviewed the ramifications of the TMI-2 events for boiling water reactors. He reviewed and approved emergency operator procedures for PWR designs and performed quality assurance inspections. Mr. Guttman developed standard review plans for analyzing reactor transient and accident events, developed regulatory guidance and NUREG documents for implementing Risk-Informed In-Service Testing of Piping, and was on the task force for developing Risk-Informed regulatory guidance documents.

With respect to policy development, Mr. Guttman served as a technical assistant to Commissioner Forrest J. Remick. He advised Commissioner Remick on policy development of advanced nuclear power plants, operating reactor issues, research needs, and represented the Commission as an observer on INPO inspections.

Mr. Guttman is currently performing thermal and containment evaluations of spent nuclear fuel transportation and storage casks. His work includes the evaluation of normal, off-normal and accident dose analyses, and the adequacy of the thermal design of spent nuclear fuel casks.

PROFESSIONAL CHRONOLOGY: Jr. Engineer, Detroit Edison Co., Enrico Fermi Atomic Power Plant-I, 1972-73; Research Engineer, Idaho National Engineering Laboratory, 1975-1976; Nuclear Engineer, Office of Nuclear Reactor Regulation, NRC, 1976-1985; Technical Coordinator, Office of the Secretary, NRC, 1985-1990; Technical Assistant, Office of the Commission, NRC, 1990-1994; Sr. Reliability and Risk Assessment Engineer, Office of Nuclear Regulatory Research, NRC, 1994-1999; Sr. Nuclear Engineer, Office of Nuclear Material Safety and Safeguards, NRC, 1999-present.

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NUCLEAR REGULATORY COMMISSION

DOCKETED
USNRC

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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In the Matter of)
)
PRIVATE FUEL STORAGE L.L.C.)
)
(Independent Spent)
Fuel Storage Installation))

Docket No. 72-22-1581

OFFICE OF THE SECRETARY
RULEMAKING AND ADJUDICATIONS STAFF

CERTIFICATE OF SERVICE

I hereby certify that copies of the "NRC STAFF'S OBJECTIONS AND RESPONSES TO THE 'STATE OF UTAH'S THIRD SET OF DISCOVERY REQUESTS DIRECTED TO THE NRC STAFF (UTAH CONTENTION H)'" in the above captioned proceeding have been served on the following through deposit in the Nuclear Regulatory Commission's internal mail system, or by deposit in the United States mail, first class, as indicated by an asterisk, with copies by electronic mail as indicated, this 10th day of January, 2000.

G. Paul Bollwerk, III, Chairman
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555
(E-mail copy to GPB@NRC.GOV)

Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. Jerry R. Kline
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555
(E-mail copy to JRK2@NRC.GOV)

Office of the Secretary
ATTN: Rulemakings and Adjudications Staff
U.S. Nuclear Regulatory Commission
Washington, DC 20555
(E-mail copy to:
HEARINGDOCKET@NRC.GOV)

Dr. Peter S. Lam
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555
(E-mail copy to PSL@NRC.GOV)

Office of the Commission Appellate
Adjudication
Mail Stop: 16-C-1 OWFN
U.S. Nuclear Regulatory Commission
Washington, DC 20555

James M. Cutchin, V
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555
(by E-mail to JMC3@NRC.GOV)

Danny Quintana, Esq.*
Danny Quintana & Associates, P.C.
68 South Main Street, Suite 600
Salt Lake City, UT 84101
(E-mail copy to quintana@Xmission.com)

Jay E. Silberg, Esq.*
Ernest Blake, Esq.*
Paul A. Gaukler, Esq.*
SHAW, PITTMAN, POTTS &
TROWBRIDGE
2300 N Street, N.W.
Washington, DC 20037-8007
(E-mail copies to jay_silberg,
paul_gaukler, and ernest_blake
@shawpittman.com)

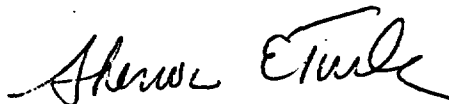
Denise Chancellor, Esq.*
Fred G. Nelson, Esq.
Connie Nakahara, Esq.
Utah Attorney General's Office
160 East 300 South, 5th Floor
P.O. Box 140873
Salt Lake City, UT 84114-0873
(E-mail copy to dchancel@State.UT.US
cnakahar.atkey01@state.UT.US)

Diane Curran, Esq.*
Harmon, Curran, Spielberg
& Eisenberg, L.L. P.
1726 M. Street N.W., Suite 600
Washington, D.C. 20036
(E-mail copy to
dcurran@harmoncurran.com)

John Paul Kennedy, Sr., Esq.*
1385 Yale Ave.
Salt Lake City, UT 84105
(E-mail copy to john@kennedys.org)

Joro Walker, Esq.*
Land and Water Fund of the Rockies
2056 East 3300 South, Suite 1
Salt Lake City, UT 84109
(E-mail copy to joro61@inconnect.com)

Land and Water Fund of the Rockies
2260 Baseline Road, Suite 200
Boulder, CO 80302



Sherwin E. Turk
Counsel for NRC Staff