

AFFIDAVIT OF RAYMOND J. SKWAREK

Commonwealth of Pennsylvania

County of Allegheny

Raymond J. Skwarek being duly sworn accordingly to Law deposes and says;

- (1) I am Manager of Reload Fuel and Forces Analysis, Nuclear Safety Department, for the Nuclear Technology Division, Westinghouse Power Systems Company, Westinghouse Electric Corporation ("Westinghouse"), and as such I am authorized to execute this Affidavit. A statement of my Professional Qualifications is attached.
- (2) With regard to evaluations of postulated valve failures at Diablo Canyon Power Plant (DCPP), Westinghouse has performed analyses of postulated loss of coolant accidents (LOCAs) in the pressurizer vapor space for a plant substantially identical to DCPP. These analyses were performed for 100 percent power level.

Analyses performed included the extremely unlikely case that all three pressurizer power-operated relief valves (PORVs) of the size installed at DCPP were postulated to have stuck completely open. These analyses were performed with a United States Nuclear Regulatory Commission approved evaluation model, which includes the assumption of minimum safeguards. No core uncover was predicted to occur. Therefore, if all three of the pressurizer PORVs failed completely open at DCPP, no core uncover would be expected.

It should be noted that these PORV LOCA analyses also assume that the pressurizer PORV block valves failed to close. Therefore, if all of the pressurizer PORVs failed to close at DCPP, no core uncover would be expected.

Details of these analyses have been documented in WCAP-9601, "Report on Small Break Accidents for Westinghouse SSS System."

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- (3) As discussed above, even in the hypothetical case of the DCPD pressurizer safety, relief, and block valves failing to close, the public health and safety would not be endangered.

Further the affiant sayeth not.

Raymond J. Skwarek
Raymond W. Skwarek

Sworn to and subscribed before
me this 15th day of December, 1981.

William Begun

PROFESSIONAL QUALIFICATIONS

RAYMOND J. SKWAREK

WESTINGHOUSE WATER REACTOR DIVISIONS
WESTINGHOUSE POWER SYSTEMS COMPANY
WESTINGHOUSE ELECTRIC CORPORATION

My name is Raymond J. Skwarek. My business address is Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania, 15230. I am employed by Westinghouse Electric Corporation as Manager of Reload Fuel and Forces Analysis within the Nuclear Safety Department of the Nuclear Technology Division. I am responsible for the safety evaluation relating to the licensing and operation of nuclear power plants with respect to the emergency core cooling system performance during a postulated loss of coolant accident (LOCA).

I attended Drexel University, Philadelphia, Pennsylvania, from 1969 to 1974 and received a Bachelor of Science Degree in Mechanical Engineering. I attended graduate school at Stanford University in 1974-75 and received a Masters Degree in Mechanical Engineering with emphasis in the thermosciences.

In 1975, I joined Westinghouse Electric Corporation as an Engineer in the Safeguards Analysis I Group with responsibilities in the area of design, analysis and evaluation of emergency core cooling systems performance on light water reactors during LOCAs. Specific topics on which I have concentrated since joining that group include small break LOCA analysis and model development, and post-Three Mile Island LOCA concerns. In 1981, I was appointed to position of Manager, Reload Fuel and Forces Analysis, responsible for LOCA analysis, licensing, and model development for reload cores of Westinghouse and competitor nuclear steam supply systems.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
)
PACIFIC GAS AND ELECTRIC COMPANY) Docket No. 50-275
) Docket No. 50-323
Diablo Canyon Nuclear Power Plant,)
Units 1 and 2)
_____)

CERTIFICATE OF SERVICE

The foregoing document(s) of Pacific Gas and Electric Company
~~was~~ (have) been served today on the following by deposit in the United
States mail, properly stamped and addressed:

Judge John F. Wolf
Chairman
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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
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Washington, D. C. 20555

Chairman
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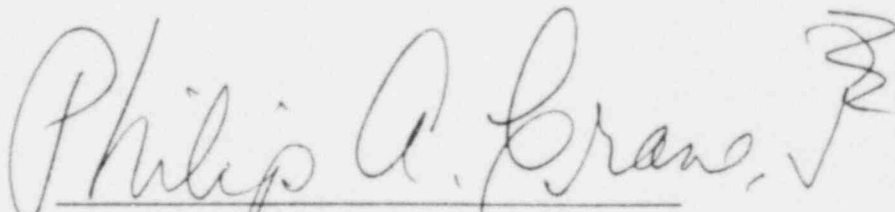
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Attorney
Pacific Gas and Electric Company

Date: December 21, 1981