



Public Service
Electric and Gas
Company

E. C. Simpson

Public Service Electric and Gas Company P.O. Box 236, Hancocks Bridge, NJ 08038 609-339-1700

Senior Vice President - Nuclear Engineering

JUN 2 1997

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United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

REVIEW OF PRELIMINARY ACCIDENT SEQUENCE PRECURSOR
ANALYSIS OF OPERATIONAL CONDITION DISCOVERED AT SALEM
NUCLEAR SALEM GENERATING STATION
UNIT NOS. 1 AND 2
DOCKET NOS. 50-272 AND 50-311

Gentlemen:

By letter dated April 30, 1997, the Nuclear Regulatory Commission (NRC) requested Public Service Electric and Gas (PSE&G) to review and comment on the technical adequacy of the preliminary Accident Sequence Precursor (ASP) analysis within 30 days of receipt of the letter. As requested, PSE&G's comments are provided below within 30 days of receipt on May 5, 1997.

PSE&G's Probability Safety Assessment (PSA) group has reviewed the preliminary copy of the ASP analysis regarding potential pressure locking of motor operated valves. This event was described to NRC in PSE&G's Licensee Event Report (LER) No. 272/96-002-00, dated March 18, 1996.

Overall, PSE&G found that the event description, modeling assumptions, related information and results are consistent with our understanding of the event. However, because the Salem PSA uses a Linked Fault Tree (small Event Tree) model, Conditional Core Damage Probabilities, as well as specific basis event probabilities, are not directly comparable to those in the Salem PSA. PSE&G found the modeling of the condition consistent with the method PSE&G would use to model the same condition. PSE&G does not suggest crediting of any further mitigating actions or equipment to the model.

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In conclusion, PSE&G finds the results of the analysis acceptable without model revision.

Should there be any questions regarding this submittal, please contact Mr. J. Scott of my staff at (609) 339-5342.

Sincerely,

A handwritten signature in cursive script, appearing to read "E C Simpson".

JUN 2 1997

Attachments

C Mr. Hubert J. Miller, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. L. N. Olshan, Licensing Project Manager - Salem
U. S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop 14E21
Rockville, MD 20852

Mr. C. Marschall - Salem (S09)
USNRC Senior Resident Inspector

Mr. K. Tosch, Manager, IV
Bureau of Nuclear Engineering
33 Arctic Parkway
CN 415
Trenton, NJ 08625