



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 13, 1978 Manager
Licensing and Environment

Docket No. 50-272

Public Service Electric and
Gas Company
ATTN: Mr. F. P. Librizzi
General Manager - Electric
Production
80 Park Place, Room 7221
Newark, New Jersey 07101

R. L. MITTLER
NOTED
SEP 21 1978

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Gentlemen:

Several months ago, you were issued an Order for Modification of License to the license for the Salem Generating Station, Unit No. 1, related to the requirements of 10 CFR 50.46(a)(1) that require ECCS performance to be calculated in accordance with an acceptable calculational model which fully conforms to the provisions of Appendix K, 10 CFR 50. The previously approved model for your facility was found to contain errors and thus does not fully conform to the provisions of Appendix K.

As a condition of that Order, as soon as possible, you are required to submit a revised analysis of ECCS cooling performance calculated in accordance with a revised Westinghouse evaluation model, corrected for the identified errors and approved by the NRC.

By letter to Westinghouse dated August 29, 1978, the NRC has approved a revised Westinghouse ECCS evaluation model which corrects the identified errors (associated with the zirconium-water reaction heat generation).

Accordingly, you should proceed to submit the revised analysis for your facility as soon as possible. Within 20 days from the date of this letter provide us with your schedule for submittal of this revised analysis.

Sincerely,

A. Schwencer

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

PROJECT LICENSING MANAGER
SALEM
E. A. LIDEN
SEP 22 1978
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cc: See next page

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Public Service Electric & Gas Company
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Salem Free Library
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Salem, New Jersey 08079