



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

PDR

Docket No. 50-485

SEP 14 1979

Rochester Gas & Electric Corporation
ATTN: Mr. J. E. Arthur
Chief Engineer
89 East Avenue
Rochester, New York 14649

Gentlemen:

The enclosed Information Notice provides information with regard to a potential unreviewed safety question involving high energy lines and control systems.

Sincerely,


for Boyce H. Grier
Director

Enclosures:

1. IE Information Notice No. 79-22
2. List of IE Information Notices Issued in the Last Six Months

cc w/encls:

C. R. Anderson, Manager, QA
Lex K. Larson, Esquire
N. A. Petrick, Executive Director, SNUPPS
Gerald Charnoff, Esquire

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ENCLOSURE 1

Accession No: 79082201²⁴
SSINS: 6870

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

DUPLICATE

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QUALIFICATION OF CONTROL SYSTEMS

Public Service Electric and Gas Company notified the NRC of a potential unreviewed safety question at their Salem Unit 1 facility. This notification was based on a continuing review by Westinghouse of the environmental qualifications of equipment that they supply for nuclear steam supply systems. Based on the present status of this effort, Westinghouse has informed their customers that the performance of non-safety grade equipment subjected to an adverse environment could impact the protective functions performed by safety grade equipment. These non-safety grade systems include:

- Steam generator power operated relief valve control system
- Pressurizer power operated relief valve control system
- Main feedwater control system
- Automatic rod control system

These systems could potentially malfunction due to a high energy line break inside or outside of containment. NRC is also concerned that the adverse environment could also give erroneous information to the plant operators. Westinghouse states that the consequences of such an event could possibly be more limiting than results presented in Safety Analysis Reports, however, Westinghouse also states that the severity of the results can be limited by operator actions together with operating characteristics of the safety systems. Further, Westinghouse has recommended to their customers that they review their systems to determine whether any unreviewed safety questions exist.

This Information Notice is provided as an early notification of a possibly significant matter. It is expected that recipients will review the information for possible applicability to their facilities. No specific action or response is requested at this time. If NRC evaluations so indicate, further licensee actions may be requested or required. If you have questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

No written response to this Information Notice is required.

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