

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

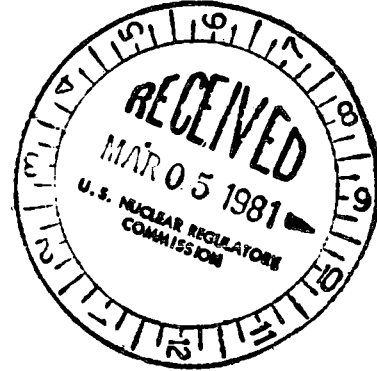
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FEB 23 1981

Dockets Nos. 50-272

Mr. F. W. Schneider, Vice President
Production
Public Service Electric and Gas Company
80 Park Plaza 15-A
Newark, New Jersey 07101



Dear Mr. Schneider:

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT
RE: Salem Unit No. 1

Reference: Order for Modification of License Concerning the Environmental Qualification of Safety-Related Electrical Equipment, October 24, 1980.

This letter transmits the preliminary results of our review of environmental qualifications of safety-related electrical equipment at your facilities. This evaluation was based on your submittals received over the past months.

The facilities' licenses were modified by the referenced Order of October 24, 1980, to require that all safety-related electrical equipment be qualified to specified requirements not later than June 30, 1982. In addition, the Order noted that a licensee is obligated to modify or replace inadequate equipment promptly.

The staff's review of your submittals has resulted in our identifying a number of potential equipment deficiencies involving a lack of proper documentation, inadequate justification of assumed environmental conditions following an accident, and/or inadequate environmental testing of equipment, such that conformance to the DOR guidelines, as required by the Order, cannot be demonstrated. You are requested to review our identified deficiencies, and their ramifications, and provide us your overall finding regarding continued safe operation of your facilities. Accordingly, in order to determine whether your licenses should be modified or suspended, you are required pursuant to 10 CFR 50.54(f), to provide within 10 days of receipt of this letter, a written statement, signed under oath or affirmation supporting the safe operation of your facilities, that takes into account the NRC staff's preliminary list of deficiencies.

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The purpose of this statement is to provide the NRC with needed assurance, by the licensee, regarding the continued safety of the facilities until you can provide an item-by-item reevaluation in a detailed documented manner at a later date. A negative finding on your part concerning the safety of continued operation would result in a unit shutdown, and should be reported as a Licensee Event Report (LER) within twenty-four (24) hours of the determination to the appropriate NRC Regional Office. Include in the LER the actions you have taken for the immediate resolution of the matter. A copy of any such LER should be sent to the Director, Division of Licensing, Office of Nuclear Reactor Regulation.

Please submit a copy of your reply to us via telecopy.

Sincerely,

ORIGINAL SIGNED

Thomas M. Novak, Assistant Director
for Operating Reactors
Division of Licensing

Enclosure:
Evaluation Report

cc w/enclosure:
See next page

Docket File	WRoss
NRC PDR	OELD
L PDR	OI&E (3)
TERA	BJones (4)
NSIC	ACRS (16)
ORB#1 Rdg	OPA Clare Miles
HDenton	SECY
EGCase	RDiggs
RHartfield, MPA	JHeltemes, AEOD
DEisenhut	
RPurple	
TNovak	
RTedesco	
GLainas	
CParrish	

OFFICE	ORB #1: DL	ORB #1: DL	AD/OR: DL			
SURNAME	WRoss: ds	Svarga	TNovak			
DATE	2/23/81	2/24/81	2/23/81			