

JUL 31 1981

DISTRIBUTION
Docket
NRC PDR
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TERA
NSIC
ORB#1 Rdg
DEisenhut
OELD
IE-4
GDeegan-4
JWetmore
ACRS-10
OPA
RDiggs
WRoss
CParrish
Gray File-4
Chairman; ASLAB

Docket No. 50-272

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

Dear Mr. Schneider:

The Commission has issued the enclosed Amendment No. 38 to Facility Operating License No. DPR-70 for the Salem Nuclear Generating Station, Unit No. 1. This amendment consists of changes to the Technical Specifications in response to your request dated April 24, 1981.

The amendment revises the Radiological Technical Specifications to modify the composition of the Nuclear Review Board.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,
Original Signed By:

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

- Enclosures:
1. Amendment No. 38 to DPR-70
 2. Safety Evaluation
 3. Notice of Issuance

cc w/enclosures
See next page



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PDR ADOCK 05000272
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WJR 7/27/81

*Previous concurrences see next page

OFFICE	ORB#1:DL*	ORB#1:DL*	LOA/DHFS*	LBG/DST*	ORB#1:DL*	AD/OR:DL*	OELD*
SURNAME	CParrish	WRoss	DVassallo	JWetmore	SVarga	INovak	
DATE	7/23/81	7/23/81	7/.../81	7/.../81	7/.../81	7/.../81	7/.../81

DISTRIBUTION

Docket File	NSIC
NRC PDR	TERA
Local PDR	Chairman, ASLAB
ORB 1 File	Gray File (4)
D. Eisenhut	
C. Parrish	
W. Ross	
OELD	
OI&E (5)	
G. Deegan (4)	
B. Scharf (10)	
J. Wetmore (STS Group)	
ACRS (10)	
OPA (Clair Miles)	
R. Diggs	
R. Ballard	

Docket No. 50-272

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

Dear Mr. Schneider:

The Commission has issued the enclosed Amendment No. to Facility Operating License No. DPR-70 for the Salem Nuclear Generating Station, Unit No. 1. This amendment consists of changes to the Technical Specifications in response to your letter dated April 24, 1981.

The amendment revises the Radiological Technical Specifications to modify the composition of the Nuclear Review Board.

The amendment removes the requirement to specify members of the Nuclear Review Board by title in the Technical Specifications and authorizes membership to be determined on the basis of experience in functional specialties. The amendment does not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that this amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Since this amendment applies to administrative changes only, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

OFFICE							
SURNAME							
DATE							

Mr. F. W. Schneider

- 2 -

A copy of the Notice of Issuance is enclosed.

Sincerely,

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosures:

- 1. Amendment No. to DPR-70
- 2. Notice of Issuance

cc: w/enclosures
See next page

OFFICE	ORB 1 <i>mi</i>	ORB 1 <i>sol for</i>	LQA/DHFS	LGB/DST	ORB 1	AD-DR	<i>no legal objections to form</i>
SURNAME	CParrish	WRoss <i>rs</i>	DVassallo	JWetmore	SVarga	Novak	<i>J Moore</i>
DATE	5/7/81	5/11/81	5/18/81	5/19/81	5/19/81	7/2/81	5/12/81

Mr. F. W. Schneider
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Nuclear Operations Support
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c/o Michael C. Facemeyer, Clerk
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Hancocks Bridge, New Jersey 08038

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Mrs. Eleanor G. Coleman
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
PHILADELPHIA ELECTRIC COMPANY
DELMARVA POWER AND LIGHT COMPANY
ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-272

SALEM NUCLEAR GENERATING STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 38
License No. DPR-70

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (the licensees) dated April 24, 1981, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

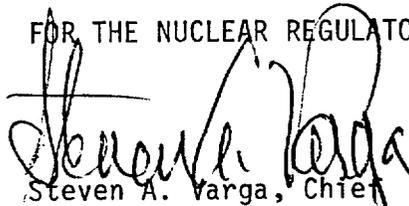
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-70 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B as revised through Amendment No. 38, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: **JUL 31 1981**

ATTACHMENT TO LICENSE AMENDMENT NO. 38

FACILITY OPERATING LICENSE NO. DPR-70

DOCKET NO. 50-272

Revise Appendix A as follows:

Remove Pages

6-7
6-8

Insert Pages

6-7
6-8

ADMINISTRATIVE CONTROLS

- i. Review of the Plant Security Plan and implementing procedures and shall submit recommended changes to the Chairman of the Nuclear Review Board.
- j. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairman of the Nuclear Review Board.

AUTHORITY

6.5.1.7 The Station Operations Review Committee shall:

- a. Recommend to the Station Manager written approval or disapproval of items considered under 6.5.1.6(a) through (d) above.
- b. Render determinations in writing with regard to whether or not each item considered under 6.5.1.6(a) through (e) above constitutes an unreviewed safety question.
- c. Provide written notification within 24 hours to the General Manager- Nuclear Production and the Nuclear Review Board of disagreement between the SORC and the Station Manager; however, the Station Manager shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

RECORDS

6.5.1.8 The Station Operations Review Committee shall maintain written minutes of each meeting and copies shall be provided to the General Manager- Nuclear Production and Chairman of the Nuclear Review Board.

6.5.2 NUCLEAR REVIEW BOARD (NRB)

FUNCTION

6.5.2.1 The Nuclear Review Board shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear Power Plant Operations
- b. Nuclear Engineering
- c. Chemistry and Radiochemistry

ADMINISTRATIVE CONTROLS

- d. Metallurgy
- e. Instrumentation and Control
- f. Radiological Safety
- g. Mechanical Engineering
- h. Electrical Engineering
- i. Quality Assurance
- j. Nondestructive Testing
- k. Emergency Preparedness

COMPOSITION

6.5.2.2. The Vice President - Production shall appoint at least nine members to the Nuclear Review Board and shall designate from this membership a chairman and at least one vice chairman. The membership shall collectively possess experience and competence to provide independent review and audit in the areas listed in Section 6.5.2.1. The chairman and vice chairman shall have nuclear background in engineering or operations and shall be capable of determining when to call in experts to assist the NRB review of complex problems. All members shall have at least a Bachelor Degree in Engineering or related sciences. The chairman shall have at least six years of professional level managerial experience in the power field and all other members shall have at least five years of cumulative professional level experience in the fields listed in Section 6.5.2.1.

ALTERNATES

6.5.2.3 All alternate members shall be appointed in writing by the NRB Chairman to serve on a temporary basis, however, no more than two alternates shall participate as voting members in NRB activities at any one time. Educational and experience qualifications required of members are also applicable to alternates.

CONSULTANTS

6.5.2.4 Consultants shall be utilized as determined by the NRB Chairman to provide expert advice to the NRB.

MEETING FREQUENCY

6.5.2.5 The NRB shall meet at least once per calendar quarter during the initial year of facility operation following fuel loading and at least once per six months thereafter.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 38 TO FACILITY OPERATING LICENSE NO. DPR-70

PUBLIC SERVICE ELECTRIC AND GAS COMPANY,
PHILADELPHIA ELECTRIC COMPANY,
DELMARVA POWER AND LIGHT COMPANY, AND
ATLANTIC CITY ELECTRIC COMPANY

SALEM NUCLEAR GENERATING STATION, UNIT NO. 1

DOCKET NO. 50-272

Introduction

By letter dated April 24, 1981, Public Service Electric and Gas Company requested a change to the Technical Specifications for Unit 1 of the Salem Generating Station. The wording of the change was subsequently modified by a telecopy transmission of revised wording for Section 6.5.2.2 of the Technical Specifications. By separate action, the licensee has also requested a similar change to the proposed Technical Specifications for Salem Unit 2.

Evaluation

The requested change is administrative in nature and pertains to the composition of the Nuclear Review Board (NRB). The existing Salem 1 Technical Specifications specify a nine-member NRB, including the Chairman and Vice Chairman, by position title within the company. The licensee proposes to change the designated NRB membership to specify personnel by qualifications and experience rather than by title. In the course of this change, the functional areas of nondestructive testing and emergency preparedness will be added to the areas of expertise covered by NRB members. Qualifications of the NRB members will meet the requirements specified in Sections 4.7.1 and 4.7.2 of ANSI/ANS 3.1, 1978.

The staff's positions in regard to Reviews and Audits is described in Section 4 of ANSI N18.7-1976 (ANS 3.2 "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants"). This standard has been endorsed by Regulatory Guide 1.33, Revision 2, February 1978, "Quality Assurance Program Requirements (Operations).

In regard to reviews and audits and the subject in question, Section 4.1 of ANSI N18.7-1976 states the following:

"The programs provided for reviews and for audits may take different forms. For example, the owner organization may assign these functions to separate established organizational units independent of the onsite operating organization, or may appoint a standing committee comprised of individuals from within or outside the owner organization to perform reviews and to exercise overview of audits.

"Historically, a committee approach was used to provide both review and audit capability for early commercial nuclear power plants. This approach was employed to make the most efficient use of personnel with pertinent experience and qualifications. In the ensuing period, the availability of competent personnel has significantly increased as the nuclear power industry has expanded and the sources of trained manpower have responded to the resulting demand. This growing pool of talent in the aggregate, is sufficient to encourage alternative approaches to the review and audit committees commonly used in the past.

"In general, the time required of individuals serving as members of independent review groups is a function of the number of nuclear power plants an owner organization has in operation. For this reason, owner organizations contemplating rapid growth and an expanding commitment to nuclear power should regard the use of committees to meet the independent review functions as an interim approach for effective utilization of available technical expertise. In addition, such owner organizations should include in their expansion planning, provisions for early establishment of organizational units to provide independent review, for recruitment of staff, and for an orderly transition to such an organizational structure in the event a committee approach has been used previously to meet the independent review function.

"An independent offsite organizational unit may be assigned review responsibilities including responsibility for reviewing audit reports provided by onsite staff members, or both functions may be assigned to an organizational unit that is independent of line responsibility for operating activities. This Standard does not specify an organizational structure for meeting the review and audit functions, but in lieu thereof delineates essential elements of satisfactorily comprehensive programs for review and for audit in the manner best suited to the owner organization involved."

The above stated position is being reaffirmed in ongoing revisions to the above cited Standard and Regulatory Guide 1.33.

In regard to past practice, the staff has approved proposed alternates to the committee method of independent review. Individuals performing such review should have a bachelor degree in engineering or related science and five years of professional level experience in his field. This requirement has been established as the staff's position in regard to qualification requirements for persons performing these reviews wherein position titles were not designated.

The early efforts to get senior management personnel as members of a review committee was primarily because they were the only company personnel that had attained the technical expertise that we required to perform these functions. In time, many utilities have developed indepth technical capability to perform this function and thereby relieve upper management of what in many cases has been an added burden resulting in their review becoming more perfunctory than the indepth review we believe is necessary. Therefore, we are of the opinion that the technical review can be better performed by well qualified technical staff. Furthermore, in regard to the Salem change, the results of reviews done by the Nuclear Review Board will continue to be sent to the same levels of management as before the change.

In light of the above, we consider that the change to the Salem Technical Specifications in regard to qualifications of individuals has no generic implications, is consistent with the staff's position as described in Regulatory Guide 1.33, is in effect at other operating reactors, and should not reduce the effective function of the Salem independent review function. Therefore, we do not see it as either new, or a significant change from past experience.

Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: JUL 3 1 1981

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-272PUBLIC SERVICE ELECTRIC AND GAS COMPANY,
PHILADELPHIA ELECTRIC COMPANY,
DELMARVA POWER AND LIGHT COMPANY, AND
ATLANTIC CITY ELECTRIC COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 38 to Facility Operating License No. DPR-70, issued to Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (the licensees), which revised Technical Specifications for operation of the Salem Nuclear Generating Station, Unit No. 1 (the facility) located in Salem County, New Jersey. The amendment is effective as of the date of issuance.

The amendment revises the Radiological Technical Specifications to modify the composition of the Nuclear Review Board.

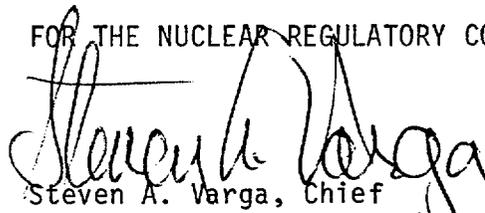
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated April 24, 1981, (2) Amendment No. 38 to License No. DPR-70, and (3) the Commission's letter to Public Service Electric and Gas Company dated July 31, 1981. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Salem Free Public Library, 112 West Broadway, Salem, New Jersey. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 31st day of July, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION


Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing