

DISTRIBUTION

Decmeber 3, 1982

Docket File  
NRC PDR  
Local PDR  
ORB 1 File  
D. Eisenhower  
C. Parrish  
W. Ross  
OELD  
SECY (w/trans form)  
E. L. Jordan  
J. M. Taylor  
L. J. Harmon (2)  
T. Barnhart (4)  
L. Schneider  
D. Brinkman  
CEB

ACRS (10)  
OPA (Clare Miles)  
R. Ferguson  
R. Diggs  
NSIC  
ASLAB

Docket No. 50-311

Mr. Richard A. Uderitz, Vice President  
Nuclear  
Public Service Electric and Gas Company  
Post Office Box 236  
Hancocks Bridge, New Jersey 08038

Dear Mr. Uderitz:

The Commission has issued the enclosed Amendment No. 15 to Facility Operating License No. DPR-75 for the Salem Nuclear Generating Station, Unit No. 2. This amendment consists of changes to License Condition 2.L. in response to your request dated December 2, 1982.

The amendment authorizes deferral of an 18-month Technical Specification surveillance requirement from December 5, 1982, until the first refueling outage in January 1983. This action, related to the fire protection system, is in addition to those taken by Amendment No. 14 issued October 22, 1982.

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

Sincerely,

Original signed by:

William J. Ross, Project Manager  
Operating Reactors Branch No. 1  
Division of Licensing

Enclosures:

1. Amendment No. 15 to DPR-75
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:  
See next page

F. A. NOTICE  
AMENDMENT

*W. J. Ross*

OFFICE	ORB 1	ORB 1	ORB 1	CEB	AD OR:DL	OELD
SURNAME	CParrish	WRoss/rs	SVa...		GLamas	M. KARMA
DATE	12/14/82	12/3/82	12/3/82	12/3/82	12/3/82	12/3/82
<p>8212290525 821203 PDR ADOCK 05000311 P PDR</p>						

FFICIAL RECORD COPY

Mr. R. A. Uderitz  
Public Service Electric and Gas Company

cc: Mark J. Wetterhahn, Esquire  
Conner and Wetterhahn  
Suite 1050  
1747 Pennsylvania Avenue, NW  
Washington, D. C. 20006

Richard Fryling, Jr., Esquire  
Assistant General Solicitor  
Public Service Electric and Gas Company  
80 Park Place  
Newark, New Jersey 07101

Gene Fisher, Bureau of Chief  
Bureau of Radiation Protection  
380 Scotch Road  
Trenton, New Jersey 08628

Mr. Henry J. Midura, General Manager -  
Salem Operations  
Public Service Electric and Gas Company  
P. O. Box 168  
Hancocks Bridge, New Jersey 08038

Mr. Dale Bridenbaugh  
M.H.B. Technical Associates  
1723 Hamilton Avenue  
San Jose, California 95125

Leif J. Norrholm, Resident Inspector  
Salem Nuclear Generating Station  
U. S. Nuclear Regulatory Commission  
Drawer I  
Hancocks Bridge, New Jersey 08038

Richard F. Engel  
Deputy Attorney General  
Department of Law and Public Safety  
CN-112  
State House Annex  
Trenton, New Jersey 08625

Richard B. McGlynn, Commissioner  
Department of Public Utilities  
State of New Jersey  
101 Commerce Street  
Newark, New Jersey 07102

Mr. Edwin A. Liden, Manager  
Nuclear Licensing and Regulation  
Public Service Electric and Gas Co.  
Mail Code T16D - P.O. Box 570  
Newark, New Jersey 07101

Regional Radiation Representative  
EPA Region II  
26 Federal Plaza  
New York, New York 10007

Mr. R. L. Mittl, General Manager -  
Corporate Quality Assurance  
Public Service Electric and Gas Company  
Mail Code T16D - P.O. Box 570  
Newark, New Jersey 07101

Ronald C. Haynes  
Regional Administrator - Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Lower Alloways Creek Township  
c/o Mary O. Henderson, Clerk  
Municipal Building, P.O. Box 157  
Hancocks Bridge, New Jersey 08038

Mr. Alfred C. Coleman, Jr.  
Mrs. Eleanor G. Coleman  
35 K Drive  
Pennsville, New Jersey 08070

Mr. R. A. Uderitz  
Public Service Electric and Gas Company

cc: Carl Valore, Jr., Esquire  
Valore, McAllister, Aron and  
Westmoreland, P.A.  
535 Tilton Road  
Northfield, New Jersey 08225

June D. MacArtor, Esquire  
Deputy Attorney General  
Tatnall Building  
P. O. Box 1401  
Dover, Delaware 19901

Samuel E. Donelson, Mayor  
Lower Alloways Creek Township  
Municipal Hall  
Hancocks Bridge, New Jersey 08038



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. 50-311

SALEM NUCLEAR GENERATING STATION, UNIT NO. 2

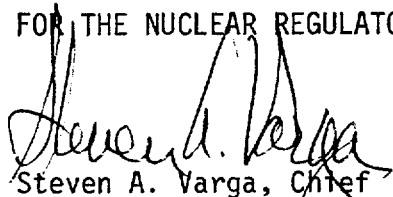
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 15  
License No. DPR-75

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 December 2, 1982, 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 Facility Operating License No. DPR-75 is hereby amended by revising Paragraph 2.L. to read as follows:
  - L. The licensee is authorized to defer certain eighteen-month surveillance items from the dates required by Technical Specifications 4.0.2(a) and 4.7.10.2. These surveillances shall be completed prior to startup following the final refueling outage. The provisions of Technical Specifications 4.0.2(a) and 4.7.10.2 are not changed. The affected items are identified in the Safety Evaluation accompanying Amendment No. 14 issued October 22, 1982, and this license change.
3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



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

Date of Issuance: December 3, 1982

ATTACHMENT TO LICENSE AMENDMENT NO. 15

FACILITY OPERATING LICENSE NO. DPR-75

DOCKET NO. 50-311

Revise Facility Operating License No. DPR-75 as follows:

Remove Page

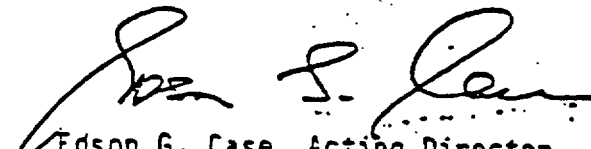
23

Insert Page

23

- H. If PSE&G plans to remove or to make significant changes in the normal operation of equipment that controls the amount of radioactivity in effluents from the Salem Nuclear Generating Station, the NRC shall be notified in writing regardless of whether the change affects the amount of radioactivity in effluents.
- I. PSE&G shall report any violations of the requirements contained in Section 2, Items C.(3) through C.(25), E., F., and G of this license within 24 hours by telephone and confirmed by telegram, mailgram, or facsimile transmission to the Director of the Regional Office, or his designee, no later than the first working day following the violation, with a written followup report within 14 days.
- J. The licensees shall immediately notify the Commission of any accident at this facility which could result in an unplanned release of quantities of fission products in excess of allowable limits for normal operation established by the Commission.
- K. The licensees shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended to cover public liability claims.
- L. The licensee is authorized to defer certain eighteen-month surveillance items from the dates required by Technical Specifications 4.0.2(a) and 4.7.10.2(c). These surveillances shall be completed prior to startup following the first refueling outage. The provisions of Technical Specifications 4.0.2(b) and 4.7.10.2(c) are not changed. The affected items are identified in the Safety Evaluation accompanying Amendment No. 14 issued October 22, 1982 and this license change.
- M. This license is effective as of the date of issuance and shall expire at midnight September 25, 2008.

FOR THE NUCLEAR REGULATORY COMMISSION



Edson G. Case, Acting Director  
Office of Nuclear Reactor Regulation

Attachment:  
Appendices A & B

Date of Issuance: May 20, 1981

Amendment No. 74 15



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 15 TO FACILITY OPERATING LICENSE NO. DPR-75

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. 2

DOCKET NO. 50-311

Introduction

By Amendment No. 14 to Facility Operating License No. DPR-75 for Salem Nuclear Generating Station, Unit No. 2, issued October 22, 1982, the dates of a number of 18-month surveillance items required by Technical Specification 4.0.2(b), were deferred until the first refueling outage for this unit. The first refueling is scheduled to begin on January 22, 1983. Public Service Electric and Gas Company (the licensee) has subsequently notified the staff, by telecopied letter dated December 2, 1982, that another 18-month surveillance item has been identified that, through administrative oversight, had not been included in the list covered by Amendment No. 14. The 18-month (plus 25 percent) interval for this requirement expires on December 5, 1982. This surveillance relates to inspection of the reactor coolant pump fire protection deluge system. The licensee requests that the applicable Technical Specification (4.7.10.2.c) be deferred on a one-time basis to permit operation until the first refueling outage, presently scheduled for January 22, 1983, i.e., 48 days.

Evaluation

Technical Specification 4.7.10.2.c requires that spray and/or sprinkler systems for (a) Reactor Coolant Pump Lube Oil Systems and (b) Charcoal Filters be demonstrated operable by the following surveillance Technical Specification.

At least once per 18 months perform:

1. A system functional test which includes simulated automatic actuation of the system and verifying that the automatic valves in the flow path actuate to their correct positions.
2. A visual inspection of the dry pipe spray and sprinkler headers to verify their integrity, and
3. A visual inspection of each nozzle's spray area to verify the spray pattern is not obstructed.



The licensee's difficulties in meeting the initial 18-month schedule has been discussed in the Safety Evaluation for Amendment No. 14. In brief, Unit No. 2 has had only a few hours down time during its first fuel cycle. Consequently, there has not been a sufficient period of time when the plant was not operating to perform many surveillances that can only be made when the applicable components, such as the reactor coolant pumps, are accessible. The charcoal filters can be inspected even when the plant is operating; therefore, this deferral is not pertinent to this part of the Technical Specification.

The licensee states that granting of the requested deferral does not pose an undue risk to the health and safety of the public since:

"The system components tested in the functional test (Item 4.7.10.2.c.1) are subjected to other, more frequent surveillance to ensure system operability. The position of each valve in the flow path is verified at least once per 31 days.

"Inaccessibility of most of the spray header piping (Item 4.7.10.2.c.2) makes tampering with this part of the system unlikely.

"The purpose of the visual inspection of each nozzle's spray pattern is not obstructed. However, since the reactor coolant pumps are inaccessible during normal operations, inadvertent obstruction of the spray area within the enclosure surrounding the lube oil system on each pump is highly improbable."

We agree that the licensee's justification is valid and an acceptable level of protection has been provided during the past 22.5 months (18 months + 25%). The requested extension constitutes an additional period of approximately 1.5 months. On this basis, the proposed extension does not involve a significant decrease in the safety margin as defined in the "Bases" for Technical Specification 3.7.10.2 and is acceptable.

#### 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 an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, 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: December 3, 1982

Principal Contributor:  
W. Ross

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-311PUBLIC 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. 15 to Facility Operating License No. DPR-75, 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 the licensee for operation of the Salem Nuclear Generating Station, Unit No. 2 (the facility) located in Salem County, New Jersey. The amendment is effective as of the date of issuance.

The amendment authorizes deferral of an 18-month Technical Specification surveillance requirement from December 5, 1982, until the first refueling outage in January 1983.

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.

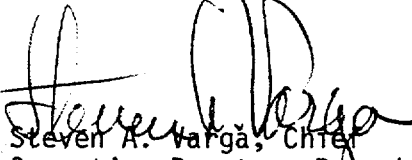
- 2 -

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 December 2, 1982, (2) Amendment No. 15 to License No. DPR-75, and (3) the Commission's related Safety Evaluation. All of 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 3rd day of December 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

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