

October 2, 2000

Mr. Harold W. Keiser  
Chief Nuclear Officer & President  
PSEG Nuclear LLC - X04  
Post Office Box 236  
Hancocks Bridge, NJ 08038

SUBJECT: SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2 - ISSUANCE  
OF AMENDMENTS RE: CONTAINMENT ISOLATION VALVES TECHNICAL  
SPECIFICATIONS (TAC NOS. MA8533 AND MA8534)

Dear Mr. Keiser:

The Commission has issued the enclosed Amendment Nos. 235 and 216 to Facility Operating License Nos. DPR-70 and DPR-75 for the Salem Nuclear Generating Station, Unit Nos. 1 and 2. These amendments consist of changes to the Technical Specifications (TSs) in response to your application dated March 2, 2000.

These amendments revise TS 3/4.6.3, "Containment Isolation Valves," by modifying limiting conditions for operation 3.6.3.1 and 3.6.3 for Unit Nos. 1 and 2, respectively. These changes are consistent with TS 3.6.3 of NUREG-1431, Revision 1, "Standard Technical Specifications, Westinghouse Plants."

A copy of our safety evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

**/RA/**

Robert J. Fretz, Project Manager, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-272 and 50-311

Enclosures: 1. Amendment No. 235 to  
License No. DPR-70  
2. Amendment No. 216 to  
License No. DPR-75  
3. Safety Evaluation

cc w/encls: See next page

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cc w/encls: See next page

**DISTRIBUTION**

EAdensam	JClifford	OGC	GMeyer, RGN-I	PUBLIC
RFretz	ACRS	TClark	GHill(4)	PDI-2 Reading
GHubbard	RLobel	WBeckner		

ACCESSION NUMBER: ML003746674      TEMPLATE = NRR-058      \* SE input provided on 8/23/00.  
No major changes made

OFFICE	PDI-2/PM	PDI-2/LA	SPSB/SC*	OGC*	PDI-2/SC
NAME	RFretz	TLClark	GHubbard	CMarco	JClifford
DATE	09/21/00	09/21/00	08/23/00	09/14/00	10/2/00

OFFICIAL RECORD COPY

PSEG NUCLEAR LLC

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. 235

License No. DPR-70

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
  - A. The application for amendment filed by PSEG Nuclear LLC, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (the licensees) dated March 2, 2000, 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 set forth in 10 CFR Chapter I;
  - 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 and Environmental Protection Plan

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 235 , 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 its date of issuance and shall be implemented within 60 days.

FOR THE NUCLEAR REGULATORY COMMISSION

**/RA/**

James W. Clifford, Chief, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of Issuance: October 2, 2000

ATTACHMENT TO LICENSE AMENDMENT NO. 235

FACILITY OPERATING LICENSE NO. DPR-70

DOCKET NO. 50-272

Replace the following pages of the Appendix A, Technical Specifications, with the attached revised pages as indicated. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove Pages

3/4 6-12

B 3/4 6-3

Insert Pages

3/4 6-12

B 3/4 6-3

PSEG NUCLEAR LLC  
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. 216  
License No. DPR-75

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
  - A. The application for amendment filed by PSEG Nuclear LLC, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (the licensees) dated March 2, 2000, 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 set forth in 10 CFR Chapter I;
  - 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-75 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 216 , 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 its date of issuance and shall be implemented within 60 days.

FOR THE NUCLEAR REGULATORY COMMISSION

***/RA/***

James W. Clifford, Chief, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of Issuance: October 2, 2000

ATTACHMENT TO LICENSE AMENDMENT NO. 216

FACILITY OPERATING LICENSE NO. DPR-75

DOCKET NO. 50-311

Replace the following pages of the Appendix A, Technical Specifications, with the attached revised pages as indicated. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove Pages

3/4 6-14

B 3/4 6-4

Insert Pages

3/4 6-14

B 3/4 6-4



SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NOS. 235 AND 216 TO FACILITY OPERATING  
LICENSE NOS. DPR-70 AND DPR-75  
PSEG NUCLEAR LLC  
PHILADELPHIA ELECTRIC COMPANY  
DELMARVA POWER AND LIGHT COMPANY  
ATLANTIC CITY ELECTRIC COMPANY  
SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-272 AND 50-311

## 1.0 INTRODUCTION

By letter dated March 2, 2000, PSEG Nuclear LLC (the licensee) submitted a request for changes to the Salem Nuclear Generating Station, Unit Nos. 1 and 2, Technical Specifications (TSs). On August 21, 2000, the licenses for Salem, to the extent held by PSE&G, were transferred to PSEG Nuclear Limited Liability Company (PSEG Nuclear). By letter dated September 6, 2000, PSEG Nuclear stated that it has assumed responsibility, as of the date of the transfer, for the active items on the Salem dockets previously submitted by PSE&G, including the subject amendment request. The requested changes would modify the requirements in TS Section 3/4.6.3, "Containment Isolation Valves," by changing limiting conditions for operation (LCO) 3.6.3.1 and 3.6.3 for Unit Nos. 1 and 2, respectively. These proposed changes are consistent with TS 3.6.3 of NUREG-1431, Revision 1, "Standard Technical Specifications, Westinghouse Plants."

## 2.0 BACKGROUND

The proposed change deletes the asterisk (\*) modifying the word OPERABLE in LCOs 3.6.3.1 and 3.6.3 for Salem Units 1 and 2, respectively, and relocates its associated footnote to the Action portion of the LCO. The footnote is also reworded to be consistent with TS Section 3.6.3 of NUREG-1431, Revision 1 (April 1995), "Standard Technical Specifications, Westinghouse Plants." New TS Bases are also provided.

The proposed license amendment is intended to resolve a question of interpretation of the current TS requirement as described in an October 28, 1999, letter from the licensee to the U.S. Nuclear Regulatory Commission (NRC). On September 28, 1999, the NRC issued Inspection Report 50-272/99-07 and 50-311/99-07, identifying a Non-Cited Violation (NCV) 50-311/99-07-01 for failure to comply with TS 3.6.3 for Salem Unit 2. One of two containment isolation valves in a penetration, 2CV5, became inoperable when it failed a stroke time test.

The operable containment isolation valve in the penetration, 2CV6, was closed in compliance with TS Section 3.6.3, Action b, which requires isolation of the penetration within 4 hours by the use of at least one deactivated automatic valve secured in the isolation position. Later, when opening of the penetration was necessary to comply with another TS requirement, the licensee opened 2CV5 and 2CV6 under administrative control, using the asterisk note which states:

Normally closed or manual containment isolation valves may be opened on an intermittent basis under administrative control.

The basis of the NCV is that the asterisk applies only to operable valves since the asterisk is located in the statement of the LCO and, therefore, was not applicable in this situation.

While PSEG Nuclear LLC disagrees with this interpretation, the licensee committed to submit a TS change to clarify the use of administrative controls in the action statements of TS Sections 3.6.1.3 for Unit 1 and 3.6.3 for Unit 2. The licensee's March 2, 2000, letter satisfies this commitment.

The licensee proposes to remove the asterisk and the accompanying footnote and replace it with the following note in the Action statements of TS Sections 3.6.3.1 for Unit 1 and 3.6.3 for Unit 2:

Penetration flow paths, except for the containment purge valves, may be unisolated intermittently under administrative controls.

This note is consistent with TS Section 3.6.3 of NUREG-1431, Revision 1 (April 1995), "Standard Technical Specifications, Westinghouse Plants."

### 3.0 EVALUATION

The proposed TS amendments are essentially editorial changes that remove an asterisk and the accompanying footnote, and replace it with a note in the Action sections of TS Sections 3.6.3.1 for Unit 1 and 3.6.3 for Unit 2. These changes permit opening containment isolation valves (other than containment purge valves) under administrative control that may have been declared inoperable and shut under the LCO action statement. The administrative controls, as further described in the Salem Unit 1 and Unit 2 TS Bases, will provide for timely isolation of the valves, if necessary.

Based on its review, the staff finds that the proposed license amendments are acceptable since the changes are editorial in nature, and are consistent with the requirements of 10 CFR 50.36(c)(2), "Limiting Conditions for Operation." In addition, the amendments are consistent with TS Section 3.6.3 of NUREG-1431, Revision 1 (April 1995), "Standard Technical Specifications, Westinghouse Plants." The administrative controls further specified in the Salem Unit 1 and Unit 2 TS Bases are consistent with the proposed TS amendments, and are likewise compatible with the guidance provided in NUREG-1431. The staff does not object to the associated Bases changes.

#### 4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the New Jersey State official was notified of the proposed issuance of the amendments. The State official had no comments.

#### 5.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (65 FR 39959). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

#### 6.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: R. Lobel  
R. Fretz

Date: October 2, 2000

PSEG Nuclear LLC

Salem Nuclear Generating Station,  
Unit Nos. 1 and 2

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