



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

PUBLIC SERVICE ELECTRIC & GAS COMPANY

PHILADELPHIA ELECTRIC COMPANY

DELMARVA POWER AND LIGHT COMPANY

ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-311

SALEM GENERATING STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 90
License No. DPR-75

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
 - A. The application for amendment filed by the Public Service Electric & Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (the licensees) dated January 4, 1990 and supplemented by letter dated March 9, 1990, 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. 90, 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.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Bruce A. Boger, Assistant Director
for Region I Reactors
Project Directorate I-2
Division of Reactor Projects 1/11
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 20, 1990

PDI-2/A
MO'Brien
4/19/90

PDI-2/PM
JStone:mj
2/28/90

OGC
4/12/90

PDI-2/D
WButler
4/19/90

Region I
Randy Blough
4/19/90
Tel. Room

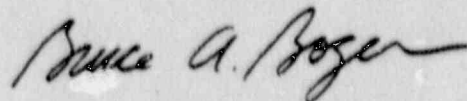
ADRI
BBoger
4/19/90

(2) Technical Specifications and Environmental Protection Plan

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

FOR THE NUCLEAR REGULATORY COMMISSION



Bruce A. Boger, Assistant Director
for Region I Reactors
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 20, 1990

ATTACHMENT TO LICENSE AMENDMENT NO. 90

FACILITY OPERATING LICENSE NO. DPR-75

DOCKET NO. 50-311

Revise Appendix A as follows:

Remove Pages

3/4 5-6

3/4 5-6a

Insert Pages

3/4 5-6

3/4 5-6a

EMERGENCY CORE COOLING SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- f. By verifying that each of the following pumps develops the indicated discharge pressure on recirculation flow when tested pursuant to Specification 4.0.5:

1. Centrifugal charging pump ≥ 2400 psig
2. Safety Injection pump ≥ 1425 psig
3. Residual heat removal pump ≥ 165 psig

- g. By verifying the correct position of each of the following ECCS throttle valves:

1. Within 4 hours following completion of each valve stroking operation or maintenance on the valve when the ECCS subsystems are required to be OPERABLE.
2. At least once per 18 months.

HPSI System
Valve Number

21 SJ 16
22 SJ 16
23 SJ 16
24 SJ 16

LPSI System
Valve Number

21 SJ 138
22 SJ 138
23 SJ 138
24 SJ 138
21 SJ 143
22 SJ 143
23 SJ 143
24 SJ 143

- h. By performing a flow balance test, during shutdown, following completion of modifications to the ECCS subsystems that alter the subsystem flow characteristics and verifying that:*

1. For safety injection lines, with a single pump running:
 - a) The sum of the injection line flow rates, excluding the line with the highest flow rate, is ≥ 463 gpm, and
 - b) The total pump flow rate is ≤ 650 gpm.
2. For centrifugal charging pump lines, with a single pump running:
 - a) The sum of the injection line flow rates, excluding the line with the highest flow rate, is ≥ 346 gpm, and
 - b) The total pump flow rate is ≤ 550 gpm.**

1. The automatic isolation and interlock function of the RHR System shall be verified within the seven (7) days prior to placing the RHR System in service for cooling of the Reactor Coolant System. This shall be done by verifying that valves RH1 and RH2 close upon insertion of a test signal corresponding to a reactor coolant pressure of 580 psig or less, and that, with a test signal corresponding to a reactor coolant pressure of 580 psig or greater, that the valves cannot be opened.

* (Footnote from page 3/4 5-6)

Flow balance testing pursuant to Specification 4.5.2.h shall be performed the first time the unit is in COLD SHUTDOWN after December 15, 1981.

** (Footnote to page 3/4 5-6 item h.2)

The maximum limit (i.e. ≤ 550 gpm) on ECCS Centrifugal Charging Pump Flow is waived on a one time basis for the period commencing January 4, 1990 and ending upon initial entry into Mode 5 during the Unit 2 5th Refueling Outage.