

Docket No. 50-311

JUL 08 1982

Docket File

NRC PDR

Local PDR

ORB Rdg

D. Eisenhut

C. Parrish

W. Ross

OELD

SECY (w/transmittal form)

OIE (2)

T. Barnhart (4)

L. Schneider (1)

D. Brinkman (STS Group)

ACRS (10)

OPA (Clare Miles)

R. Diggs

R. Ballard

NSIC

ASLAB

Mr. Richard A. Uderitz, Vice President -  
Nuclear

Public Service Electric and Gas Company

Mail Code T15A - P.O. Box 570

Newark, New Jersey 07101

Dear Mr. Uderitz:

The Commission has issued the enclosed Amendment No. 9 to Facility  
Operating License No. DPR-75 for the Salem Nuclear Generating Station  
Unit No. 2. This amendment revises the license in response to your  
application dated May 28, 1982.

The amendment revises Section 2.C.(25)(h)(v) to extend the implementation  
date for providing a capability to continuously sample and analyze gaseous  
effluents from June 1, 1982 until the first refueling outage.

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

Sincerely,

ORIGINAL SIGNED

William J. Ross, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

Enclosures:

1. Amendment No. 9 to DPR-75
2. Safety Evaluation
3. Notice of Issuance

cc: w/enclosures  
See next page

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6/18/82

F.R. NOTICE  
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AMENDMENT

OFFICE	DL:ORB#1	DL:ORB#1	DL:ORB#1	DL:ORB#1	OELD	D/Eisenhut	
SURNAME	C. Parrish	W. Ross	E. Varga	T. Kovak	M. KARMAH	D/Eisenhut	
DATE	6/11/82	6/11/82	6/11/82	6/21/82	6/21/82	6/21/82	

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

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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. 50-311

SALEM NUCLEAR GENERATING STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 9  
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 May 28, 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, paragraph 2.C.(25)(h)(v) is hereby amended to read as follows:

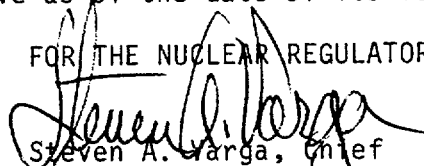
- (v) Noble gas effluent from each potential release point from normal concentrations up to  $10^5$  uCi/cc (Xe-133) no later than prior to startup following the first refueling outage.

PSE&G shall provide the capability to continuously sample gaseous effluents and analyze these samples no later than prior to startup following the first refueling outage.

Until the above installation is completed, PSE&G shall use interim monitoring procedures and equipment.

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

FOR THE NUCLEAR REGULATORY COMMISSION

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

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 8, 1982

ATTACHMENT TO LICENSE AMENDMENT NO. 9

FACILITY OPERATING LICENSE NO. DPR-75

DOCKET NO. 50-311

Revise License No. DPR-75 as follows:

Remove Page

19

Insert Page

19

(g) Containment Isolation Dependability (Section 22.3, II.E.4.2)

- (i) PSE&G shall reduce the containment setpoint pressure that initiates containment isolation for nonessential penetrations to the minimum compatible with normal operating conditions no later than July 1, 1981.
- (ii) PSE&G shall install a high radiation isolation signal on the containment purge and vent isolation valves no later than July 1, 1981.

(h) Additional Accident Monitoring Instrumentation (Section 22.3, II.F.1)

PSE&G shall install and demonstrate the operability of instruments for continuous indication in the control room of the following variables. Each item shall be completed by the specified date in the condition:

- (i) Containment pressure from minus five psig to three times the design pressure of the containment no later than January 1, 1982;
- (ii) Containment water level from (i) the bottom to the top of the containment sump, and (ii) the bottom of the containment to an elevation equivalent to a 600,000 gallon capacity no later than July 1, 1981;
- (iii) Containment atmosphere hydrogen concentration from 0 to 10 volume percent no later than January 1, 1982;

2.C(25)(h)(iv)

Containment gamma radiation up to  $10^7$  rad/hr. at the first outage of sufficient duration but no later than prior to startup following the first refueling outage; and

2.C(25)(h)(v)

Noble gas effluent from each potential release point from normal concentrations to  $10^5$  uCi/cc (Xe-133) at the first outage of sufficient duration but no later than prior to startup following the first refueling outage.

PSE&G shall provide the capability to continuously sample gaseous effluents and analyze these samples no later than prior to startup following the first refueling outage.

Until the above installation is complete, PSE&G shall use interim monitoring procedures and equipment.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 9 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 letter dated May 28, 1982, Public Service Electric and Gas Company (the licensee) requested that Facility Operating License No. DPR-75 for Salem Nuclear Generating Station, Unit No. 2 (Salem-2) be amended. The proposed amendment would extend the date for installation of iodine/particulate sampling equipment until the first refueling outage for this unit.

Background

As a consequence of the TMI-2 accident the NRC has required, among other things, that all operating plants have the capability to collect and analyze or measure representative samples of radioactive iodines and particulates in plant gaseous effluents during and following an accident. This requirement is described in detail in NUREG-0737 "Clarification of TMI Action Plant Requirements" (Item II.F.1.2). Each plant was to implement this capability by January 1, 1982 and this requirement was made a condition of the Salem-2 operating license which was issued on May 20, 1981.

Because of difficulty locating and ordering qualified equipment, the licensee subsequently requested that the implementation date be extended to June 1, 1982. This request was approved and the operating license so amended by letter dated December 31, 1981.

Evaluation

The licensee proposes to make common use of the plant vent penetration for both the iodine/particulate sampling system and the noble gas effluent monitoring system, which is also required by NUREG-0737. In their initial request for extension of time the licensee stated that the 10-weeks work required to

install the sampling system could be accomplished while the plant was operating. This conclusion was based on the fact that the installation introduced no physical restriction on any system required for plant operation. Subsequently, the licensee has advised the staff that the scaffolding that is needed to perform part of the installation must be erected above the discharges of certain steam line safety valves thereby introducing an unacceptable personnel hazard when the plant is operating. This phase of the installation will require approximately one to two weeks when the plant is shut down.

As noted in the Safety Evaluation that approved extension of the implementation schedule to June 1, 1982, the plant's existing sampling system provides an acceptable level of protection on an interim basis. Therefore, we consider the risk to the health and safety of the public resulting from the continued use of this temporary system, until the end of the current fuel cycle, to be acceptably low. The licensee should take the necessary measures to prevent any additional delays beyond the first refueling outage for the implementation of this capability.

#### 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 hazard 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: July 8, 1982