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REGULATORY DOCKET FILE COPY

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 Phone 201/430-7000

November 18, 1977

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. Olan D. Parr, Chief
Light Water Reactors Branch 3
Division of Project Management

Gentlemen:

AMENDMENT 41
APPLICATION FOR LICENSES
SALEM NUCLEAR GENERATING STATION
NO. 1 AND 2 UNITS
DOCKET NOS. 50-272 AND 50-311



In accordance with the Atomic Energy Act of 1954, as amended, and the regulations thereunder, we hereby transmit copies of the Forty-First Amendment to the Application for Licenses for the construction and operation of the Salem Nuclear Generating Station, No. 1 and 2 Units.

This amendment consists of updated material for the Final Safety Analysis Report.

This amendment has been served on Mayor Samuel E. Donelson of Lower Alloways Creek Township in accordance with provisions of the above mentioned regulations.

This submittal includes three (3) signed originals and twenty-five (25) conformed copies.

Very truly yours,

R. L. Mittl
General Manager -
Licensing and Environment
Engineering and Construction

773260164

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
AMENDMENT 41
APPLICATION FOR LICENSES
SALEM NUCLEAR GENERATING STATION

Public Service Electric and Gas Company hereby
submits AMENDMENT 41 to its Application for Licenses.
This Amendment pertains to the Final Safety Analysis Report
for Salem Nuclear Generating Station. It consists of new and
replacement pages which contain new and updated material.

Respectfully submitted,

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

By




Thomas J. Martin
Vice President

STATE OF NEW JERSEY)
) ss.:
COUNTY OF ESSEX)

THOMAS J. MARTIN, being duly sworn according
to law, disposes and says:

I am a Vice President of Public Service Electric
and Gas Company, and as such I signed AMENDMENT 41 to
APPLICATION FOR LICENSES. The matters set forth in said
AMENDMENT are true to the best of my knowledge, information
and belief.



Thomas J. Martin

Subscribed and sworn to
before me this 18th day
of November 1977

Veronica L. Adams

VERONICA L. ADAMS
A Notary Public of New Jersey
My Commission Expires Oct. 23, 1982

AMENDMENT 41 PAGES

(INSERT)

Q1.34-1/Q1.34-2

Q1.34-15/Q1.34-16

Q1.34-17/Q1.34-18

Q1.34-19/Q1.34-20

Q1.34-21/Q1.34-22

Q1.34-23/Q1.34-24

Q1.34-25/Q1.34-26

Q1.34-27/Q1.34-28

Q1.34-29/Q1.34-30

Q1.34-31

Figure Q1.34-2

AMENDMENT HISTORY

Insert these instructions at the end of the Amendment History section.

EXISTING PAGES

(REMOVE)

Q1.34-1/Q1.34-2

Q1.34-15

ADMENDMENT 41
APPLICATION FOR LICENSES
SALEM NUCLEAR GENERATING STATION
DOCKET NOS. 50-272 AND 50-311

Detailed Instructions for insertion of new and replacement pages
for the Final Safety Analysis Report.

Insert the following Amendment 41 pages, and remove the corresponding existing pages as indicated below:

AMENDMENT 41 PAGES

(INSERT)

Chapter 13

13-i/13-ii

13-iii/13-iv

13-v

13.5-1/13.5-2

Figure 13.5-1

Figure 13.5-2

13.6-1/13.6-2

13.6-3/13.6-4

13.6-5/13.6-6

13.6-7/13.6-8

13.6-9

Figure 13.6-1

Figure 13.6-2

EXISTING PAGES

(REMOVE)

13-i/13-ii

13-iii/13-iv

13.5-1/13.5-2

Figure 13.5-1

Figure 13.5-2