

August 26, 1993

Docket No. 50-311

Mr. Steven E. Miltenberger
Vice President and Chief Nuclear
Officer
Public Service Electric and Gas
Company
Post Office Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. Miltenberger:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE, PROPOSED NO SIGNIFICANT HAZARDS CONSIDERATION
DETERMINATION, AND OPPORTUNITY FOR A HEARING, SALEM NUCLEAR
GENERATING STATION, UNIT 2 (TAC NO. M87141)

Enclosed is a copy of the subject notice for your information. This notice
relates to your amendment request, dated August 4, 1993, and supplemented by
letter dated August 24, 1993, to modify the Technical Specification for the
A.C. power sources, on a one-time basis, to allow connection of two new
500/13.8 kv transformer bus sections as part of the Salem switchyard project.
It would also modify the emergency deisel generator testing requirements
during the action statement entries.

The notice has been forwarded to the Office of the Federal Register for
publication.

Sincerely,
/s/

James C. Stone, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000311
P PDR

Enclosure:
As stated

cc w/enclosure:
See next page

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EWenzinger, RGN-I

Jwhite, RGN-I

OFFICE	PDI-2/PA	PDI-2/RE	PDI-2/PM	PDI-2/D	
NAME	MO'Brien	JZimmerman:rb	JStone	MBoyle	
DATE	8/24/93	8/24/93	8/26/93	8/26/93	

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Vice President and Chief Nuclear
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Public Service Electric and Gas
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The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script that reads "James C. Stone".

James C. Stone, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. Steven E. Miltenberger
Public Service Electric & Gas
Company

Salem Nuclear Generating Station,
Units 1 and 2

cc:

Mark J. Wetterhahn, Esquire
Winston & Strawn
1400 L Street NW
Washington, DC 20005-3502

Richard Hartung
Electric Service Evaluation
Board of Regulatory Commissioners
2 Gateway Center, Tenth Floor
Newark, NJ 07102

Richard Fryling, Jr., Esquire
Law Department - Tower 5E
80 Park Place
Newark, NJ 07101

Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Calvin A. Vondra
General Manager - Salem Operations
Salem Generating Station
P.O. Box 236
Hancocks Bridge, NJ 08038

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

Mr. J. Hagan
Vice President - Nuclear Operations
Nuclear Department
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Mr. Frank X. Thomson, Jr., Manager
Licensing and Regulation
Nuclear Department
P.O. Box 236
Hancocks Bridge, NJ 08038

Mr. Thomas P. Johnson, Senior Resident
Inspector
Salem Generating Station
U.S. Nuclear Regulatory Commission
Drawer I
Hancocks Bridge, NJ 08038

Mr. David Wersan
Assistant Consumer Advocate
Office of Consumer Advocate
1425 Strawberry Square
Harrisburg, PA 17120

Dr. Jill Lipoti, Asst. Director
Radiation Protection Programs
NJ Department of Environmental
Protection and Energy
CN 415
Trenton, NJ 08625-0415

Mr. J. A. Isabella
MGR. - Generation Department
Atlantic Electric Company
P.O. Box 1500
1199 Black Horse Pike
Pleasantville, NJ 08232

Maryland People's Counsel
American Building, 9th Floor
231 East Baltimore Street
Baltimore, Maryland 21202

Carl D. Schaefer
External Operations - Nuclear
Delmarva Power & Light Company
P.O. Box 231
Wilmington, DE 19899

Mr. J. T. Robb, Director
Joint Owners Affairs
Philadelphia Electric Company
955 Chesterbrook Blvd., 51A-13
Wayne, PA 19087

Public Service Commission of Maryland
Engineering Division
ATTN: Chief Engineer
231 E. Baltimore Street
Baltimore, MD 21202-3486

UNITED STATES NUCLEAR REGULATORY COMMISSIONSALEM NUCLEAR GENERATING STATION, UNIT 2DOCKET NO. 50-311NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE, PROPOSED NO SIGNIFICANT HAZARDS
CONSIDERATION DETERMINATION, AND OPPORTUNITY FOR A HEARING

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-75 issued to Public Service Electric and Gas Company (the licensee) for operation of the Salem Nuclear Generating Station, Unit 2, located in Salem County, New Jersey.

The proposed amendment would modify the Technical Specifications for the A.C. power sources, on a one time basis, to allow connection of two new 500/13.8 kv transformer bus sections as part of the Salem switchyard project during the Unit 1 11th refueling outage. The change would extend the allowed outage time for one inoperable offsite power circuit from 72 hours to 120 hours for two separate action statement entries to allow switchyard modifications. It would also modify the emergency diesel generator testing requirements during the action statement entries.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant

increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety. As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration, which is presented below:

The proposed changes to Technical Specification 3.8.1.1 for Salem Unit No. 2:

1. do not involve a significant increase in the probability or consequences of an accident previously evaluated.

The proposed change to the Salem Generating Station (SGS) Unit 2 Technical Specifications would allow extension of the action statements 3.8.1.1.a and 3.8.1.1.b, for one inoperable offsite power circuit, from 72 hours to 120 hours. This extension would apply to two separate action statement entries to enable bus connections for new 500/13.8 kv transformers as part of the Salem Switchyard Project. The proposed change would also reduce the number of Emergency Diesel Generator tests associated with the action statement entries.

The Salem Probabilistic Risk Assessment was used to compare the impact of extending the action time vs. the impact of manual reactor shutdown on core damage probability. The PRA results support two conclusions: 1) the risk of operating SGS Unit 2 for 48 hours beyond the 72 hour action time is less than the risk of shutting down the unit upon expiration of the 72 hour clock; and 2) increase in core damage probability associated with the increased action time is insignificant.

With one 500/13.8 kv transformer deenergized, and Unit 1 in a refueling outage, Unit 1 plant loads will be supplied by the one energized transformer. With Unit 2 operating, its plant electrical loads will be powered from the Unit 2 main generator via the Auxiliary Power Transformer (APT). In the event of a Unit 2 trip, the group bus (nonvital) loads would be transferred to the one 500/13.8 kv transformer. In order to minimize the effects of the potential load transfer, a 500/13.8 kv transformer will not be deenergized until the large Unit 1 balance of plant loads (i.e., condensate pumps, circulating water pumps, heater drain pumps and turbine auxiliaries cooling pumps), and reactor coolant pumps are secured. This will reduce the base load on the 500/13.8 kv transformer to accommodate the potential Unit 2 load transfer. The

500/13.8 kv transformers will not be removed from service unless the three Unit 2 EDG's are operable. These EDG's will be available to provide vital power in the event of a loss of offsite power.

The switchyard activities performed during the Unit 1 refueling outage are scheduled such that redundant decay heat removal and A.C. power capability will be maintained. The modifications will be performed in accordance with OSHA requirements relative to minimum clearance distances for energized equipment, and will be subject to the operations department administrative controls for switchyard equipment.

The proposed change would also exempt the Unit 2 EDG's from repetitive testing during the action statement entries. The Unit 2 EDG's will have been successfully tested to demonstrate operability prior to deenergizing a 500/13.8 kv transformer. Implementation of the switchyard modifications would not challenge EDG operability. The Improved Standard Technical Specifications as approved by NRC in NUREG 1431 do not require EDG testing with an inoperable offsite circuit.

Based on the above, the proposed changes do not involve a significant increase in probability or consequences of an accident.

2. do not create the possibility of a new or different kind of accident from any accident previously evaluated.

The proposed change would extend the allowable time that SGS Unit 2 may operate with one inoperable offsite power circuit. It would not allow the plant to operate in any new configuration that is prohibited by the present plant Technical Specifications. The proposed change includes an exception to repetitive diesel testing while in an action statement for inoperable offsite power circuit. Deenergizing a 500/13.8 kv transformer will not affect EDG operability, and would not involve any changes to EDG operation. Therefore, the proposed changes do not involve any new or different kind of accident from any previously evaluated.

3. do not involve a significant reduction in a margin of safety.

The Technical Specification requirements for A.C. power sources ensure that redundant electrical power is available to mitigate the consequences of any design basis accident and bring the plant to a safe shutdown condition. The proposed change would not affect the ability of SGS Unit 2 to recover from any design basis transient involving loss of offsite power plus a single failure of one EDG.

Unit 1 will be shutdown with redundant decay heat removal capability during implementation of the proposed change. Therefore, the proposed changes do not involve a reduction in any margin of safety.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three standards of 10 CFR 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination.

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish in the FEDERAL REGISTER a notice of issuance and provide for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

Written comments may be submitted by mail to the Rules Review and Directives Branch, Division of Freedom of Information and Publications Services, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and should cite the publication date and page number of

this FEDERAL REGISTER notice. Written comments may also be delivered to Room P-223, Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland, from 7:30 a.m. to 4:15 p.m. Federal workdays. Copies of written comments received may be examined at the NRC Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555.

The filing of requests for hearing and petitions for leave to intervene is discussed below.

By October 1, 1993 , the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written request for a hearing and a petition for leave to intervene. Requests for a hearing and a petition for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. Interested persons should consult a current copy of 10 CFR 2.714 which is available at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555 and at the local public document room located at the Salem Free Public Library, 112 West Broadway, Salem, New Jersey 08079. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition; and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to 15 days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than 15 days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter. Each contention must consist of a specific statement of the issue of law or fact to be raised or controverted. In addition, the petitioner shall provide a brief explanation of the bases of the contention and a concise statement of the alleged facts or expert opinion which support the contention and on which the petitioner intends to rely in proving the contention at the hearing. The petitioner must also provide references to those specific sources and documents of which the petitioner is

aware and on which the petitioner intends to rely to establish those facts or expert opinion. Petitioner must provide sufficient information to show that a genuine dispute exists with the applicant on a material issue of law or fact. Contentions shall be limited to matters within the scope of the amendment under consideration. The contention must be one which, if proven, would entitle the petitioner to relief. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make it immediately effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment request involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Docketing and Services Branch,

or may be delivered to the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555, by the above date. Where petitions are filed during the last 10 days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at 1-(800) 248-5100 (in Missouri 1-(800) 342-6700). The Western Union operator should be given Datagram Identification Number N1023 and the following message addressed to Michael L. Boyle, Acting Director, Project Directorate I-2: petitioner's name and telephone number, date petition was mailed, plant name, and publication date and page number of this FEDERAL REGISTER notice. A copy of the petition should also be sent to the Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and to Mark J. Wetterhahn, Esquire, Winston and Strawn, 1400 L Street, NW., Washington, DC 20005-3502, attorney for the licensee.

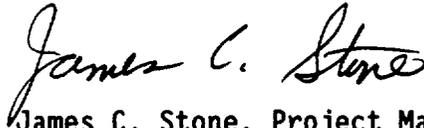
Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment dated August 4, 1993, and supplemented by letter dated August 24, 1993, which are available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555

and at the local public document room located at the Salem Free Public Library, 112 West Broadway, Salem, New Jersey 08079.

Dated at Rockville, Maryland, this 26th day of August 1993.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "James C. Stone".

James C. Stone, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation