

December 5, 1988

Docket No. 50-354

DISTRIBUTION

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

Docket File NRC PDR/LPDR  
PDI-2 Reading SVarga/BBoger  
MO'Brien GRivenbark/SBrown  
OGC DHagan  
ACRS (10) GPA/PA

Dear Mr. Miltenberger:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS CONSIDERATION  
DETERMINATION AND OPPORTUNITY FOR HEARING (TAC NO. 71116)

RE: HOPE CREEK GENERATING STATION

The Commission has requested the Office of the Federal Register to publish the enclosed "Notice of Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing." This notice relates to your application for amendment dated October 26, 1988, which would revise the spent fuel storage capacity limitation presently in the Generating Station Design Features Section 5.6.3 to read, "The spent fuel storage pool shall be limited to a storage capacity of no more than 1290 fuel assemblies."

Sincerely,

/s/

Walter R. Butler, Director  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

Previously concurred\*

[Steven Letter]

PDI-2/LA\*  
MO'Brien  
11/29/88

PDI-2/PM\*  
GRivenbark:tr  
11/30/88

PDI-2/D\*  
WButler  
12/5/88

OGC\*  
APH  
12/01/88

DFOL  
"11"  
C.P.W.

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Sincerely,

George W. Rivenbark, 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

[Steven Letter]

PDI-2/BA  
MB  
11/29/88

PDI-2/PM  
GRivenbark:tr  
11/30/88

PDI-2/D  
WButler  
1/188

OGC  
12/10/88



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

December 5, 1988

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Vice President and Chief Nuclear  
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Post Office Box 236  
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Sincerely,

A handwritten signature in cursive script that reads "Walter R. Butler".

Walter R. Butler, Director  
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 Co.

Hope Creek Generating Station

cc:

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Conner & Wetterhahn  
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Resident Inspector  
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Vice President - Nuclear Operations  
Nuclear Department  
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General Manager - Hope Creek Operations  
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Regional Administrator, Region I  
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Mr. David M. Scott, Chief  
Bureau of Nuclear Engineering  
Division of Environmental Quality  
Department of Environmental Protection  
State of New Jersey  
CN 411  
Trenton, New Jersey 08625

UNITED STATES NUCLEAR REGULATORY COMMISSIONPUBLIC SERVICE ELECTRIC & GAS COMPANYATLANTIC CITY ELECTRIC COMPANYDOCKET NO. 50-354NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO  
FACILITY OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS  
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR HEARING

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-57 issued to Public Service Electric & Gas Company and Atlantic City Electric Company (the licensees) for operation of the Hope Creek Generating Station, located in Salem County, New Jersey.

The proposed amendment would revise the spent fuel storage capacity limitation presently stated in the Technical Specifications, Design Features Section 5.6.3 to read, "The spent fuel storage pool shall be limited to a storage capacity of no more than 1290 fuel assemblies," in accordance with the licensee's application for amendment dated October 26, 1988.

Technical Specification 5.6.3 presently limits spent fuel storage capacity to 1108 fuel assemblies. The licensee stated in this request: "This limit was based on the installed storage capacity at the Hope Creek Generating Station (HCGS) at the time that the Operating License and Technical Specifications were issued and not on the design storage capacity of 4006 assemblies as described in FSAR Section 9.1.2.2.2.2. The current restrictive limit on storage capacity effectively prohibits continued operation of HCGS by not providing core offload capability for fuel loaded beyond the second fuel cycle."

"The requested change, while not increasing storage capacity to the plant design limit, will permit the installation of an additional storage rack to accommodate the third fuel cycle. Fuel cycle design changes beyond the third cycle, currently under review regarding cycle length and fuel enrichments, may require a reanalysis and redesign of the storage racks. Any future modifications to the Technical Specifications brought about by a new fuel cycle strategy will be submitted, along with attendant fuel cycle design changes, for NRC approval."

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.

The Commission has provided guidance concerning the application of the criteria for determining whether a significant hazards consideration exists by providing certain examples of actions involving no significant hazards considerations and examples of actions involving significant hazards considerations (51 FR 7751). One of these examples of actions involving no significant hazards considerations is example (x), "An expansion of the storage capacity of a spent fuel pool when all of the following are satisfied:

- (1) The storage expansion method consists of either replacing existing racks with a design which allows closer spacing between stored spent fuel assemblies or placing additional racks of the original design on the pool floor if space permits;
- (2) The storage expansion method does not involve rod consolidation or double tiering;

- (3) The Keff of the pool is maintained less than or equal to 0.95; and
- (4) No new technology or unproven technology is utilized in either the construction process or the analytical techniques necessary to justify the expansion."

The licensee stated in its request that the requested increase in allowed spent fuel storage capacity:

- "a. Consists of placing an additional rack of the original design on the spent fuel pool floor;
- b. Does not involve rod consolidation or double tiering;
- c. Does not result in the Keff of the pool exceeding 0.95; and
- d. Will utilize no new or unproven technology in the construction process or analytical techniques necessary to justify the expansion."

Therefore, the proposed change falls within the scope of the example. Accordingly, the Commission proposes to determine that the proposed amendment 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. The Commission will not normally make a final determination unless it receives a request for a hearing.

Written comments should be addressed to the Regulatory Publications Branch, Division of Freedom of Information and Publications Services, Office of Administration and Resources Management, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and should cite the publication date and page number of this FEDERAL REGISTER notice. Written comments may also be delivered to Room P-216, Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland, from 7:30 a.m. to 4:15 p.m. Copies of written comments received

may be examined at the NRC Public Document Room, 2120 L Street, NW, Washington, D.C. The filing of requests for hearing and petitions for leave to intervene is discussed below.

By January 11, 1989 , 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 petition for leave to intervene. Request for a hearing and petitions 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. 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 a 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 fifteen (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 fifteen (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, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. 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 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 involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

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 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 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.

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, D.C. 20555, Att: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C., by the above date. Where petitions are filed during the last ten (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 (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Walter R. Butler, Director, Project Directorate I-2, Division of Reactor Projects I/II; 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 General Counsel, U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Conner and Wetterhahn, 1747 Pennsylvania Avenue N. W., Washington, D.C. 20006, 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 factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

The Commission hereby provides notice that this is a proceeding on an application for a license amendment falling within the scope of section 134 of the Nuclear Waste Policy Act of 1982 (NWP), 42 U.S.C. §10154. Under section 134 of the NWP, the Commission, at the request of any party to the proceeding, must use hybrid hearing procedures with respect to "any matter which the Commission determines to be in controversy among the parties." The hybrid procedures in section 134 provide for oral argument on matters in controversy, preceded by discovery under the Commission's rules, and the

designation, following argument, of only those factual issues that involve a genuine and substantial dispute, together with any remaining questions of law, to be resolved in an adjudicatory hearing. Actual adjudicatory hearings are to be held on only those issues found to meet the criteria of section 134 and set for hearing after oral argument.

The Commission's rules implementing section 134 of the NWSA are found in 10 CFR part 2, subpart K, "Hybrid Hearing Procedures for Expansion of Spent Nuclear Fuel Storage Capacity at Civilian Nuclear Power Reactors" (published at 50 FR 41662, October 15, 1985) 10 CFR §2.1101 et seq. Under those rules, any party to the proceeding may invoke the hybrid hearing procedures by filing with the presiding officer a written request for oral argument under 10 CFR 2.1109. To be timely, the request must be filed within ten (10) days of an order granting a request for hearing or petition to intervene. (As outlined above, the Commission's rules in 10 CFR Part 2, subpart G, and §2.714 in particular, continue to govern the filing of requests for a hearing or petitions to intervene, as well as the admission of contentions). The presiding officer shall grant a timely request for oral argument. The presiding officer may grant an untimely request for oral argument only upon showing of good cause by the requesting party for the failure to file on time and after providing the other parties an opportunity to respond to the untimely request. If the presiding officer grants a request for oral argument, any hearing held on the application shall be conducted in accordance with the hybrid hearing procedures. In essence, those procedures limit the time available for discovery and

require that an oral argument be held to determine whether any contentions must be resolved in an adjudicatory hearing. If no party to the proceeding requests oral argument, or if all untimely requests for oral argument are denied, then the usual procedures in 10 CFR Part 2, subpart G apply.

For further details with respect to this action, see the application for amendment dated October 26, 1988, which is available for public inspection at the Commission's Public Document Room, 2120 L Street, NW, Washington, D.C. 20555, and at the Pennsville Public Library, 190 S. Broadway, Pennsville, New Jersey 08070.

Dated at Rockville, Maryland, this 5th day of December 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



Walter R. Butler, Director  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation