

January 6, 1988

Docket No. 50-354

Mr. Corbin A. McNeill, Jr.
Senior Vice President - Nuclear
Public Service Electric & Gas Company
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. McNeill:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY
TAC #66775 OPERATING LICENSE AND OPPORTUNITY FOR PRIOR HEARING

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 Opportunity for Prior Hearing." This notice relates to your application for amendment dated December 14, 1987, which would revise the Technical Specifications for the Hope Creek Generating Station to change the requirements related to Minimum Critical Power Ratio, Maximum Average Planar Linear Heat Generation Rate, Control Rod Block Instrumentation, and the Recirculation System.

Sincerely,



George Rivenbark, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Notice


cc w/enclosure:
See next page

8801130346 880106
PDR ADDCK 05000354
P PDR

DISTRIBUTION:

Docket File	MO'Brien (2)
NRC PDR	OGC
Local PDR	DHagan
PDI-2 Reading	ACRS (10)
BBoger	GPA/PA
WButler	BClayton
GRivenbark(3)/RLO	RGallo

Previously concurred*

LA:PDI-2:DRPI/II* PM:  PDI-2:DRPI/II
MO'Brien GRivenbark:cp
01/05/88 1/6/88

D:PDI-2:DRPI/II*
WButler
01/06/88

Docket No. 50-354

Mr. Corbin A. McNeill, Jr.
Senior Vice President - Nuclear
Public Service Electric & Gas Company
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. McNeill:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY
TAC #66775 OPERATING LICENSE AND OPPORTUNITY FOR PRIOR HEARING

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 Opportunity for Prior Hearing." This notice relates to your application for amendment dated December 14, 1987, which would revise the Technical Specifications for the Hope Creek Generating Station to change the requirements related to Minimum Critical Power Ratio, the Average Planar Linear Power Ratio, Control Rod Block Instrumentation, and the Recirculation System.

Sincerely,

George Rivenbark, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Notice

cc w/enclosure:
See next page

DISTRIBUTION:

Docket File
NRC PDR
Local PDR
PDI-2 Reading
BBoger
WButler
GRivenbark(3)/RLo

MO'Brien (2)
OGC
DHagan
ACRS (10)
GPA/PA
BClayton
RGallon

LA: PDI-2: DRPI/II
MO'Brien
1/5/88

PM: PDI-2: DRPI/II
GRivenbark:cp
1/5/88

D: PDI-2: DRPI/II
WButler
1/6/88



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
January 6, 1988

Docket No. 50-354

Mr. Corbin A. McNeill, Jr.
Senior Vice President - Nuclear
Public Service Electric & Gas Company
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. McNeill:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY
TAC #66775 OPERATING LICENSE AND OPPORTUNITY FOR PRIOR HEARING

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 Opportunity for Prior Hearing." This notice relates to your application for amendment dated December 14, 1987, which would revise the Technical Specifications for the Hope Creek Generating Station to change the requirements related to Minimum Critical Power Ratio, Maximum Average Planar Linear Heat Generation Rate, Control Rod Block Instrumentation, and the Recirculation System.

Sincerely,

A handwritten signature in cursive script, reading "George Rivenbark", is written over a horizontal line.

George Rivenbark, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Notice

cc w/enclosure:
See next page

Mr. C. A. McNeill
Public Service Electric & Gas Co.

Hope Creek Generating Station

cc:

S. E. Miltenberger
Vice President - Nuclear Operations
Nuclear Department
P. O. Box 236
Hancocks Bridge, NJ 08038

Mr. B. A. Preston, Manager
Licensing and Regulation
Nuclear Department
P. O. Box 236
Hancocks Bridge, New Jersey 08038

Gregory Minor
Richard Hubbard
Dale Bridenbaugh
MHB Technical Associates
1723 Hamilton Avenue, Suite K
San Jose, California 95125

Susan C. Remis
Division of Public Interest Advocacy
New Jersey State Department of
the Public Advocate
Richard J. Hughes Justice Complex
CN-850
Trenton, New Jersey 08625

M. J. Wetterhahn, Esquire
Conner & Wetterhahn
Suite 1050
1747 Pennsylvania Avenue
Washington, D.C. 20006

Office of Legal Counsel
Department of Natural Resources
and Environmental Control
89 Kings Highway
P.O. Box 1401
Dover, Delaware 19903

R. Fryling, Jr., Esquire
Law Department - Tower 5E
80 Park Place
Newark, New Jersey 07101

Ms. Rebecca Green
New Jersey Bureau of Radiation
Protection
380 Scotch Road
Trenton, New Jersey 08628

Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 241
Hancocks Bridge, New Jersey 08038

Mr. Anthony J. Pietrofitta
General Manager
Power Production Engineering
Atlantic Electric
1199 Black Horse Pike
Pleasantville, New Jersey 08232

Richard F. Engel
Deputy Attorney General
Division of Law
Environmental Protection Section
Richard J. Hughes Justice Complex
CN-112P
Trenton, New Jersey 08625

Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Mr. S. LaBruna
General Manager-Hope Creek Operations
Hope Creek Generating Station
P.O. Box 118
Hancocks Bridge, New Jersey 08038

UNITED STATES NUCLEAR REGULATORY COMMISSIONPUBLIC SERVICE ELECTRIC & GAS COMPANYATLANTIC CITY ELECTRIC COMPANYDOCKET NO. 50-354NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENTTO FACILITY OPERATING LICENSE ANDOPPORTUNITY FOR PRIOR 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:

(1) Increase the Minimum Critical Power Ratio (MCPR) safety limit in Technical Specifications (TS) 2.1.2 and 3/4.4.1 and in the Bases sections related to these TSs.

(2) Replace the curves in Figures 3.2.1-1 and 3.2.1-2 to provide Maximum Average Planar Heat Generation limit curves for two new fuel types that will replace two existing fuel types during the next operating cycle (Cycle 2).

(3) Change TS 3/4.2.3 to provide new MCPR limits for Cycle 2 operation providing limits for two exposure ranges rather than a single exposure range as in the existing TS. The two ranges are a) from Beginning-of-Cycle (BOC) to End-of-Cycle (EOC) minus 2000 MWD/ST and b) from EOC minus 2000 MWD/ST to EOC. The ACTION and SURVEILLANCE REQUIREMENTS for TS 3/4.2.3 would also be revised to

-2-

reflect this new option of using either of the two new exposure ranges and to delete the existing option of operating at 400°F or less.

(4) Revise existing Figure 3.2.3-1, MCPR vs Tau, by providing the MCPR vs Tau curves for the first exposure range discussed above and revise existing Figure 3.2.3-2, K_f Factor by deleting the K_f Factor curve and replacing it with the MCPR vs Tau curves for the second exposure range discussed above.

(5) Add a new Figure 3.2.3-3 with a new K_f Factor curve for Cycle 2 operation.

(6) Delete Table 3.2.3-1 which currently provides MCPR Feedwater Heating Capacity Adjustments for operation below 400°F.

(7) Revise the TSs to allow operation above the 100% Load Line and up to 105% Rated Core Flow by:

- a) Extending the K_f Factor curve up to 110% of Rated Core Flow (instead of the current 100%).
- b) Clamping the Upscale Setpoints for the Rod Block Monitor in TS Table 3.3.6-2 at the 100% recirculation flow value.
- c) Increasing the Motor Generator Set mechanical and electrical stops in TS 4.4.1.1.3 to physically allow for increased core flow.

Prior to 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.

By _____ the licensees 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

-3-

petition for leave to intervene. Requests 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

-4-

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.

A request for a hearing or a petition for leave to intervene shall be filed with the Secretary of the Commission, United States Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H 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 or representative for 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: 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 General Counsel, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Conner and Wetterhahn, 1747 Pennsylvania Avenue, N.W.,

-5-

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 Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be 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 December 14, 1987, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. 20555, and at the Pennsville Public Library, 190 S. Broadway, Pennsville, New Jersey 08070.

Dated at Bethesda, Maryland, this 6th day of January 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