

UNITED STATES NUCLEAR REGULATORY COMMISSION  
PUBLIC SERVICE ELECTRIC & GAS COMPANY  
ATLANTIC CITY ELECTRIC COMPANY  
DOCKET NO. 50-354  
NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT  
TO FACILITY OPERATING LICENSE AND  
OPPORTUNITY 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

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

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

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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 Connor and Westerhahn, 1747 Pennsylvania Avenue, N.W.,

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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