

BEFORE THE

UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of :  
PHILADELPHIA ELECTRIC COMPANY : Docket No. 50-278

AMENDMENT TO MAY 30, 1984  
APPLICATION FOR AMENDMENT  
OF  
FACILITY OPERATING LICENSE  
DPR-56

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On May 30, 1984, Philadelphia Electric Company, Licensee under Facility Operating License DPR-56 for Peach Bottom Unit 3, filed an Application for Amendment of the License which requested that the Technical Specifications contained in Appendix A of the Operating License be amended by making certain changes to allow operation of Peach Bottom Unit 3 in the increased core flow mode.

By letter dated July 17, 1984 (S. L. Daltroff, PECO to J. F. Stolz, NRC), Philadelphia Electric Company provided additional information requested by the NRC staff concerning the implementation of General Electric Company SIL-380, Rev. 1, BWR Core Thermal Hydraulic Stability, dated February 4, 1984.

On August 10, 1984, in a telephone conversation with the NRC project manager, Licensee was requested to amend the aforementioned application by including a Technical Specification to address BWR thermal hydraulic stability.

Accordingly, Philadelphia Electric Company, Licensee under Facility Operating License DPR-56 for Peach Bottom Atomic Power Station Unit 3, hereby amends its Application of May 30, 1984 by revising certain sections as indicated by a vertical bar in the margin of attached pages iv, 10, 149, and 160, and by adding new pages 149a and 164d. Page 149b is added to accommodate a redistribution of material. Changes to the existing Technical Specifications which were proposed in the May 30, 1984 Application remain unchanged by this Amendment to the Application.

The proposed changes establish the reactor power and core flow operating limits when operating in either the single or dual recirculation loop modes. Additionally, the proposed change requires monitoring of, and appropriate response to, APRM and LPRM noise levels when operating at certain high power/low flow conditions identified in the aforementioned SIL-380, Rev. 1. The

natural circulation flow restriction specification (2.1.A.4) on Page 10 is better defined by proposed specification 3.6.F.5, and consequently is proposed for deletion by this Application.

#### Significant Hazards Consideration Determination

The proposed changes involve additional surveillance and operating restrictions which minimize the possibility of core thermal hydraulic instability. These changes are being proposed in accord with guidance received from the Division of Licensing of the Nuclear Regulatory Commission during the August 10, 1984 telephone conversation.

The Commission has provided guidance concerning the application of the standards for determining whether license amendments involve no significant hazards consideration by providing certain examples (48 FR 14870). Example (ii) is a change that constitutes an additional limitation, restriction, or control not presently included in the Technical Specifications. The changes proposed by this application fit this example of actions not involving a significant hazards consideration.

Consequently, Licensee has concluded, in accordance with NRC Guidance (48 FR 14870) and the provisions of Section 50.92 of the Commission's regulations, that these changes do not constitute a significant hazards consideration since they do 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.

The Plant Operating Review Committee and the Nuclear Review Board (off-site safety review committee) have reviewed these proposed changes to the Technical Specifications and have concluded that they do not involve an unreviewed safety question or a significant hazard consideration, and will not endanger the health and safety of the public.

Respectfully submitted,  
PHILADELPHIA ELECTRIC COMPANY

By: \_\_\_\_\_

*V. S. Boyer*

Vice President

COMMONWEALTH OF PENNSYLVANIA :

: SS.

COUNTY OF PHILADELPHIA :

V. S. Boyer, being first duly sworn, deposes and says:

That he is Senior Vice President of Philadelphia Electric Company, the Applicant herein; that he has read the foregoing Amendment to Application for Amendment of Facility Operating Licenses and knows the contents thereof; and that the statements and matters set forth therein are true and correct to the best of his knowledge, information and belief.

V. S. Boyer

Subscribed and sworn to

before me this <sup>27</sup> day

of Aug., 1984.

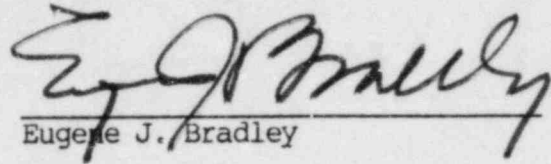
Patricia A. Jones

Notary Public

PATRICIA A. JONES  
Notary Public, Phila., Phila. Co.  
My Commission Expires Oct. 13, 1986

CERTIFICATE OF SERVICE

I certify that service of the foregoing Amendment was made upon the Commonwealth of Pennsylvania, by mailing a copy thereof, via first-class mail, to Thomas R. Gerusky, Director, Bureau of Radiological Protection, P. O. Box 2063, Harrisburg, PA 17120; all this 24<sup>th</sup> day of August 1984.



Eugene J. Bradley

Attorney for  
Philadelphia Electric Company