

BEFORE THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of :  
PHILADELPHIA ELECTRIC COMPANY : Docket Nos. 50-277  
50-278

APPLICATION FOR AMENDMENT  
OF  
FACILITY OPERATING LICENSES  
DPR-44 & DPR-56

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Philadelphia Electric Company

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Philadelphia Electric Company, Licensee under Facility Operating Licenses DPR-44 and DPR-56 for Peach Bottom Atomic Power Station Units 2 and 3, hereby requests that the Technical Specifications incorporated in Appendix A of the Operating Licenses be amended by revising a section as indicated by a vertical bar in the margin of attached page 125, and adding page 125a.

The proposed change to the surveillance requirements of the Technical Specifications is being requested to permit an alternate method of performing the core spray loop flow rate surveillance test. Licensee proposes to perform single pump flow rate testing in order to eliminate minor cavitation and vibration in the core spray test valve (MO-26) which occurs when performing the two pump loop flow test. Verification of individual pump capacity does demonstrate proper loop flow capability used in accident analysis and therefore is not impacted by Appendix X of 10CFR, Part 50.

Attached drawing 1 shows the present arrangement of one loop of the core spray system. Attached drawing 2 indicates the modifications necessary to permit single pump testing. Restricting orifice RO-42 will be resized and moved further upstream of the core spray test valve MO-26. An additional orifice (RO 42-1) will be installed downstream of the valve. Both orifices will be sized and located so as to eliminate cavitation in the test valve, using the single pump capacity verification test. Proper sizing of the orifices will provide compatibility between the surveillance test requirements and the single pump testing required as part of the In Service Inspection (ISI) Program.

Licensee hereby requests prompt approval of this amendment to allow planning and material procurement to allow installation of the modification on Unit 3 during the next refuel outage scheduled for February 12, 1983. The modification on Unit 2 would be performed at its next refuel outage, scheduled for September 17, 1983.

Pursuant to 10CFR Section 170.22, "Schedule of Fees for Facility License Amendments", Philadelphia Electric Company proposes that this Application for Amendment be considered a Class III Amendment for Unit 2, and a Class I Amendment for Unit 3, since the proposed changes are deemed not to involve a significant hazards consideration.

The Plant Operation Review Committee and the Operation and 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 hazards consideration, and will not endanger the health and safety of the public.

Respectfully submitted,

PHILADELPHIA ELECTRIC COMPANY

By: 

Vice President

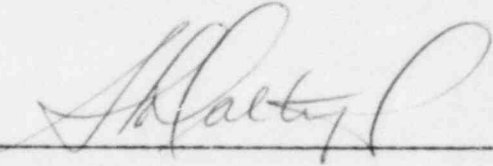
COMMONWEALTH OF PENNSYLVANIA :

SS.

COUNTY OF PHILADELPHIA :

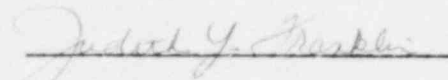
S. L. Daltroff, being first duly sworn, deposes and says:

That he is Vice President of Philadelphia Electric Company, the Applicant herein; that he has read the foregoing Application for Amendment of Facility Operating License 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.



A handwritten signature in cursive script, appearing to read 'S. L. Daltroff', is written over a horizontal line.

Subscribed and sworn to  
before me this 24<sup>th</sup> day  
of NOVEMBER, 1982.



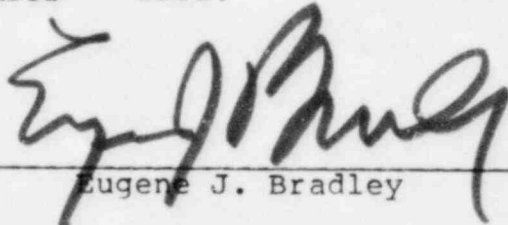
A handwritten signature in cursive script, appearing to read 'Judith Y. Mascher', is written over a horizontal line.

Notary Public

Notary Public, Philadelphia, Philadelphia Co.  
My Commission Expires July 28, 1985

CERTIFICATE OF SERVICE

I certify that service of the foregoing Application was made upon the Board of Supervisors, Peach Bottom Township, York County, Pennsylvania, by mailing a copy thereof, via first-class mail, to Albert R. Steele, Chairman of the Board of Supervisors, R.D. No. 1, Delta, Pennsylvania 17314; upon the Board of Supervisors, Fulton Township, Lancaster County, Pennsylvania, by mailing a copy thereof, via first-class mail, to George K. Brinton, Chairman of the Board of Supervisors, Peach Bottom, Pennsylvania 17563; and upon the Board of Supervisors, Drumore Township, Lancaster County, Pennsylvania, by mailing a copy thereof, via first-class mail, to Wilmer P. Bolton, Chairman of the Board of Supervisors, R.D. No. 1, Holtwood, Pennsylvania 17532; all this 1st day of December 1982.



Eugene J. Bradley

Attorney for  
Philadelphia Electric Company