

BEFORE THE

UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of :
: Docket Nos. 50-277
PHILADELPHIA ELECTRIC COMPANY : 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 Units 2 and 3, hereby requests that the Technical Specifications incorporated in Appendix A of the Operating Licenses be amended to reflect modifications required to meet the criteria of Appendix A of NUREG 0661, "Mark I Containment Long Term Program" by revising certain sections as indicated by a vertical bar in the margin of the attached pages 77, 78, 86, and 190.

The proposed amendment revises the operability and surveillance requirements on pages 77, 78 and 86 to reflect a

planned modification to the suppression pool temperature monitoring system. The modification will replace the existing temperature monitoring system with redundant suppression pool monitoring systems that meet the criteria of NUREG 0661. Each new monitoring system will consist of thirteen (13) resistance temperature detectors mounted in thermowells installed in the torus shell below the minimum water level required by the Technical Specifications, a processor/indicator/printer located in the control room, and a recorder located in the control room. Annunciation will be provided for high temperature and signal failure. The equipment will satisfy the Category I design recommendations of Regulatory Guide 1.97, Revision 2, "Instrumentation for Light-Water-Cooled Nuclear Power Plants to Access Plant and Environs Conditions During and Following an Accident."

The amendment proposes a testing frequency of once per day and once per operating cycle for the instrument check and sensor calibration, respectively. The proposed testing frequency is consistent with the guidance provided in the "Standard Technical Specifications for General Electric Boiling Water Reactors", NUREG-0123, Revision 3, page 3-74. Malfunction detection circuits provide additional assurance that accurate temperature information is presented to the operator. The detection circuit continuously monitors the individual temperature inputs for out of range or intermittent signals, provides for annunciation and, upon operator action, removal of a

failed signal. Further, due to the proximity of redundant sensors to each other, the instrument check will provide early indication of any drift in calibration associated with an individual sensor.

Additionally, the proposed amendment revises the pressure and temperature limits on page 165 to conform with the NRC criteria identified in NUREG-0661, "Safety Evaluation Report, Mark I Containment Long-Term Program". The proposed specification would require an external visual examination of the suppression chamber whenever the local pool temperature exceeds 200 F coincident with relief valve operation. The new limits reflect the completed modification of the Safety Relief Valve discharge to incorporate the T-quencher design on both Peach Bottom Unit 2 and Unit 3.

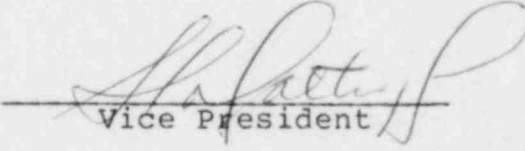
Further, the proposed amendment deletes obsolete specifications and footnotes on page 86 for Peach Bottom Unit No. 3 since the modifications authorized by Amendment No. 67 are complete. Several changes are proposed in section 3.7.A.1.c (page 165a) in the interest of clarification.

Pursuant to 10 CFR 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 do not involve a significant hazards consideration.

The Plant Operating 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 hazard 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 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.



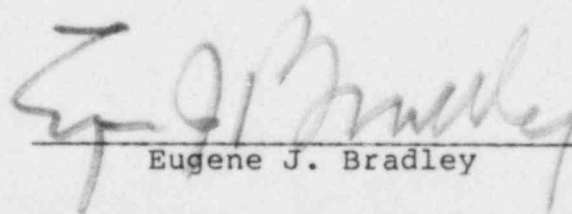
Subscribed and sworn to
before me this 12th day
of October 1982


Notary Public

PATRICIA D. SCHOLL
Notary Public, Philadelphia, Philadelphia Co.
My Commission Expires February 10, 1986

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 15th day of October 1982.


Eugene J. Bradley

Attorney for
Philadelphia Electric Company