

PHILADELPHIA ELECTRIC COMPANY

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SHIELDS L. DALTROFF
VICE PRESIDENT
ELECTRIC PRODUCTION

May 4, 1984

Docket No. 50-277
50-278

Dr. Thomas E. Murley
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: I.E. Bulletin 83-08 - Electrical Circuit Breakers
with an Undervoltage Trip Feature in Use in
Safety-Related Applications Other than the
Reactor Trip System

REFERENCE: Letter, M. J. Cooney, Philadelphia Electric
Company to Dr. T. E. Murley, USNRC, April 4, 1984

Dear Dr. Murley:

This letter is a follow-up to the reference letter regarding our review of operating experience with circuit breakers utilizing an undervoltage trip attachment (UVTA) and completes our response to the subject bulletin. Item 2c of I.E. Bulletin 83-08 is as restated below along with our response.

Item 2c. Review operating experience with the circuit breakers in your plant(s) identified in Item 1. Provide a list of all malfunctions (both failure to trip and failure to close on demand) associated with the UVTA, including the connecting linkages and latching mechanisms. The list should include the date of each malfunction, and the operating time prior to failure or date of installation, and the date(s) of major maintenance. In general, when the circuit breaker UVTA is actuated on undervoltage and the breaker

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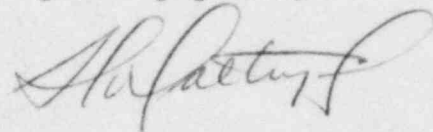
contacts do not open within the design time response value, the NRC considers the breaker to have failed.

Response

We have reviewed Maintenance Request Forms for the period 1973 to present for the breakers identified in our response to Item 1 (e.g. emergency cooling tower fan breakers OAK-32, OBK-32 and OCK-32) and have identified no failures associated with the undervoltage trip attachment on these breakers.

If you require further information in this matter, do not hesitate to contact us.

Very truly yours,



cc: A. R. Blough, Site Inspector

COMMONWEALTH OF PENNSYLVANIA :

SS.

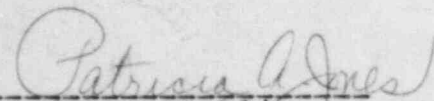
COUNTY OF PHILADELPHIA :

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

That he is Vice President, Electric Production, of Philadelphia Electric Company, the Applicant herein; that he has read the foregoing response to I.E. Bulletin 83-08 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 7th day
of May, 1984



Notary Public

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