

PHILADELPHIA ELECTRIC COMPANY

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JOSEPH W. GALLAGHER
VICE PRESIDENT
NUCLEAR SERVICES

NRC Bulletin No. 88-03

July 8, 1988

Docket Nos. 50-352
50-353

William T. Russell, Administrator
Region I
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: NRC Bulletin No. 88-03: Inadequate Latch
Engagement in HFA Type Latching Relays
Manufactured by General Electric (GE) Company

Dear Mr. Russell:

The subject Bulletin has identified certain latch-type relays supplied by GE with Certificates of Conformance, qualifying them to the requirements of IEEE-323, "IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations," which includes IEEE-344, "IEEE Recommended Practices for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations," which were malfunctioning. The NRC specifically identified model HFA 151B, HFA 154B and HFA 154E relays with a manufacturing date code prior to November, 1987 as those which the operability has been brought into question.

Additionally, the following latching-type HFA relays which were not qualified to IEEE-323 by GE, but which may have been qualified and used by "Other Equipment Manufacturers" in Class 1E, (safety-related) applications were identified as suspect:

Non-Century Series

Types HFA 54
HFA 74
HFA 51B
HFA 71B

Century Series

HFA 154
HFA 174
HFA 151B
HFA 171B

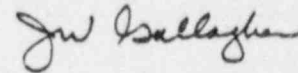
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In accordance with the Bulletin, Philadelphia Electric Company has reviewed HFA Relay applications at Limerick Generating Station and, based upon the results of this review, we have determined that there are no General Electric HFA latching type relays currently in Class IE Applications at Limerick Generating Station Unit 1 and Unit 2 and no further action under this Bulletin is necessary.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,

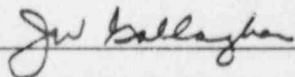


cc: Addressee
T. J. Kenny, USNRC Senior Resident Inspector

COMMONWEALTH OF PENNSYLVANIA :
 : SS.
COUNTY OF PHILADELPHIA :

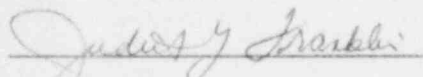
J. W. Gallagher, being first duly sworn, deposes and says:

That he is Vice President of Philadelphia Electric Company; that he has read the foregoing response to NRC Bulletin 88-03, "Inadequate Engagement in HFA Type Latching Relays Manufactured by General Electric (GE) Company" for Limerick Generating Station Units 1 and 2 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.



Vice President

Subscribed and sworn to
before me this 8TH day
of July, 1988


Notary Public

JUDITH Y. FRANKLIN
Notary Public, Phila., Phila. Co.
My Commission Expires July 28, 1991