

June 8, 1984
SBN- 665
T.F. B.4.2.7

United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: Dr. Thomas E. Murley, Regional Administrator

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444
(b) IE Bulletin No. 84-02, "Failure of General Electric Type
HFA Relays in Use in Class 1E Safety Systems", dated
March 12, 1984

Subject: Replacement of General Electric HFA Relays Used in Class 1E
Safety Systems; IE Bulletin 84-02

Dear Sir:

In response to IE Bulletin No. 84-02, "Failure of General Electric Type
HFA Relays in Use in Class 1E Safety Systems", we have investigated the
various applications of GE HFA relays at Seabrook Station.

GE HFA relays are used in both Class 1E Safety Systems and Non-Class 1E
Systems. We have identified five HFA relays per unit at Seabrook Station that
perform safety-related functions within a Class 1E Safety System. Other HFA
relays identified are used in Non-Class 1E Systems or, if used in a Class 1E
Safety System, do not perform a safety-related function. All HFA relays
identified were manufactured prior to the availability of the Century Series
relays with tefzel coil spools.

We plan to replace all HFA relays, used in Class 1E Safety Systems, which
perform safety-related functions with Century Series HFA relays. The
replacement of the relays will be completed prior to fuel load.

Since we plan to continue to use HFA relays with nylon or lexan type coil
spools in non-safety-related applications, administrative controls dealing
with maintenance, storage, and handling of spare relays and parts will be
instituted to insure the segregation of safety-related and non-safety-related
relays and parts.

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To address the concerns of the subject IE Bulletin as applicable to other relays with similar type materials in use at our facility, we plan to contact manufacturers of applicable relays to determine if the concerns in this bulletin are applicable to their products. Corrective action, if necessary, will depend on their response. We will provide the results of our investigation by December 31, 1984.

Per your request, approximately four man-weeks of staff time has been spent to date to perform the review of this bulletin and prepare this response.

Very truly yours,

W. P. Johnson
Vice President

cc: Atomic Safety and Licensing Board Service List

Director, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

COMMONWEALTH OF MASSACHUSETTS)

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MIDDLESEX COUNTY)

Then personally appeared before me, W. P. Johnson, who, being duly sworn, did state that he is a Vice President of Public Service Company of New Hampshire, that he is duly authorized to execute and file the foregoing request in the name and on the behalf of Public Service Company of New Hampshire and that the statements therein are true to the best of his knowledge and belief.

A. L. Legendre, Jr.
My Commission Expires

Notary Public
August 5, 1988



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