

Vogtle Project

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July 10, 1984

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Reference:
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50-424, 50-425

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Attention: Mr. James P. O'Reilly

The following is submitted in response to I&E Bulletin 84-02, "Failures of General Electric Type HFA Relays in Use in Class 1E Safety Systems:"

Georgia Power Company has been receiving information regarding defective General Electric HFA Relays since 1979. Corrective actions as recommended in the General Electric Service Advice Letters attached to the Bulletin have been taken for all Class 1E HFA relays supplied with balance-of-plant (BOP) equipment.

General Electric HFA Relays are used in the following Class 1E equipment at the Vogtle Electric Generating Plant:

1. 4.0 KV Switchgear
2. 480 Volt Switchgear
3. 125 Volt DC Switchgear
4. Diesel Generator Control Panels

The Vogtle Project has contacted the vendors for the above equipment relative to the use of defective HFA relays.

Brown, Boveri, the supplier for the 4.0 KV Switchgear and the 125 Volt DC Switchgear, has confirmed that they have developed a date code inspection program for HFA relays in their facilities. Any HFA relay coils manufactured prior to 1979 will be replaced with qualified components.

General Electric, the supplier for the 480 Volt Switchgear, has confirmed that all relays being furnished for the Vogtle equipment will not be susceptible to the coil spool problem since the spool material has been changed from Lexan to Tefzel.

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Mr. James P. O'Reilly
Page Two

Transamerica Delaval, the supplier for the Diesel Generator Control Panels, has used the qualified Century Series HFA Relays in their equipment.

In addition to the actions described above, the Vogtle Project has contacted Westinghouse regarding the use of General Electric HFA Relays. Westinghouse has not utilized HFA relays in any safety-related equipment. Westinghouse was also requested to determine if the relays provided within their scope of supply have any problems similar to those of the HFA relays. This research is expected to be completed by August 31, 1984. Georgia Power Company will notify the USNRC of the results of the research when the information becomes available.

This response contains no proprietary information and may be placed in the NRC Public Document Room.

Very truly yours,

D. O. Foster
D. O. Foster *by WTM*

REF/DOF/tdm

By W. T. Nickerson, Deputy Project
General Manager, By Express Permission

D. O. Foster states that he is the Vice President and Project General Manager of the Vogtle Electric Generating Plant and is authorized to execute this oath on behalf of Georgia Power Company and that to the best of his knowledge and belief the facts set forth in this letter are true.

GPC:

D. O. Foster
by WTM

Sworn to and subscribed before me this 11th day of July, 1984.

Jacqueline R. Smith
Notary Public, State of Georgia at Large
My Commission Expires: 4/11/88

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