



VIRGINIA ELECTRIC AND POWER COMPANY

August 3, 1979

Mr. James P. O'Reilly, Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 637
PSE&C/GLP:adw:mc

Docket No. 50-339

Dear Mr. O'Reilly:

On August 1, 1979, a report was made under the provisions of 10CFR50.55(e) concerning component failures in the 7300 Series Westinghouse Process Control System.

In accordance with the reporting requirements of 10CFR21, the following information is submitted:

A. Name and address of reporting individual:

Mr. E. A. Baum, Executive Manager
Licensing and Quality Assurance
Virginia Electric and Power Company
P. O. Box 26666
Richmond, Virginia 23261

B. Facility, activity, and/or component affected:

North Anna Power Station, Unit 2
Westinghouse 7300 Series Process Control
System Bistables. (NAL Card)

C. Name of firm constructing the facility or supplying the component, activity or service:

Westinghouse Electric Corporation
P. O. Box 355
Pittsburgh, Pennsylvania 15230

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D. Description of defect, deficiency, or failure to comply:

We were informed by site personnel that failures in the chip that controls the output of the bistables causes the bistables to be inoperative in the non-trip condition. This type of failure prevents protective trips from occurring and can only be detected during loop tests. The site personnel feel that the failure rate of these components is higher than expected.

E. Date of determination of reportability:

August 1, 1979

F. Similar components, activities, or services:

North Anna Unit 1

G. Corrective action which has been, is being or will be taken, the individual responsible and the length of time to complete the action:

Westinghouse is supplying the site with new components of a different type than the originals. The new components have been used on cards which were repaired and have been in service for several months with no failures.

All bistables in safety circuits will be systematically changed to the new components. This effort is presently underway.

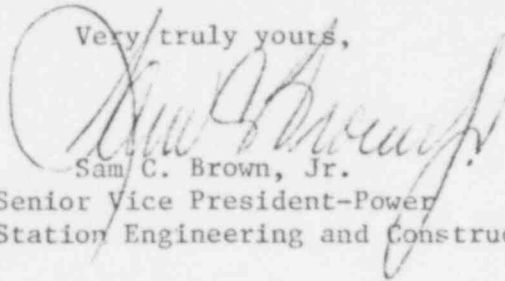
H. Other information:

Action to correct this problem is being taken as rapidly as possible.

Any information not available at this time will be submitted in a follow-up letter as a 30-day report.

Should you require further information, please contact this office.

Very truly yours,



Sam C. Brown, Jr.

Senior Vice President-Power
Station Engineering and Construction

cc: Director, Office of Inspection
and Enforcement

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