



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. 638  
PSE&C/GLP:adw:mc

Docket No. 50-339

Dear Mr. O'Reilly:

On August 2, 1979, a report was made under the provisions of 10CFR50.55(e) concerning the grounding of components in the Westinghouse 7300 Series 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

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:

When process card types NMD, NLL, NVP and NCB are inserted into their card slots, due to the component layout on the cards, the heat sinks on transistors could become grounded by coming in contact with the card frame guide slots. When this happens operation of the card is affected. The effects of this grounding cannot always be predicted to be in the safe direction therefore errors in safety circuits could occur which are detrimental to the operation of these circuits.

E. Date of determination of reportability:

August 2, 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 reviewing the design of the aforementioned cards to eliminate the grounding problem. The site personnel are working with Westinghouse to resolve this problem, this effort is underway and will continue until all of the cards of concern have been corrected.

H. Other information:

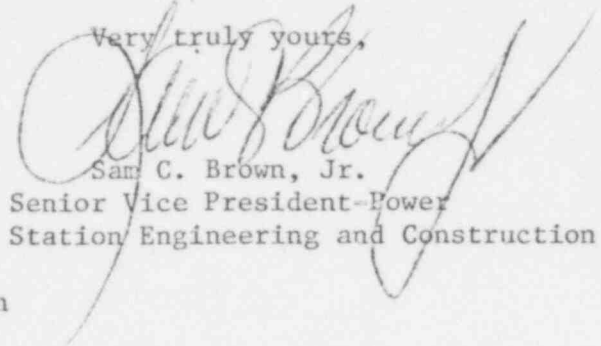
No additional information.

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

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Should you require further information, please contact this office.

Very truly yours,

A large, stylized handwritten signature in dark ink, likely belonging to Sam C. Brown, Jr. The signature is written over the typed name and title.

Sam C. Brown, Jr.  
Senior Vice President-Power  
Station Engineering and Construction

cc: Director, Office of Inspection  
and Enforcement

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