



VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

August 31, 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. 717
PSE&C/JMD:mac:wang

Docket No. 50-339

Dear Mr. O'Reilly:

On August 28, 1979, a report was made under the provisions of 10CFR50.55(e) concerning an inadequate range of fault current protection on some containment electrical penetrations.

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
Conax Containment Electrical Penetrations
Klockner-Moeller Motor Control Centers
Various Vendors - Molded Case Circuit Breakers

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

Conax Containment Electrical Penetrations
Klockner-Moeller Motor Control Centers
Various Vendors - Molded Case Circuit Breakers

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

It was discovered during a review of the containment electrical penetration fault current protection, that the feeder breaker trip curves to some of the penetrations are not co-ordinated with the penetration limits throughout the full range of potential faults. The unprotected area generally occurs for intermediate faults or overloads slightly beyond the continuous rating of the penetration.

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Mr. James P. O'Reilly, Director

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E. Date of determination of reportability:

August 28, 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:

Vepco and Stone & Webster are comparing all power penetration limit curves to the breaker protection curves and determining the revised settings or change of breakers necessary to obtain the required range for setting proper penetration protection limits. The completion date for all required action has not yet been determined and will be supplied at a later date.

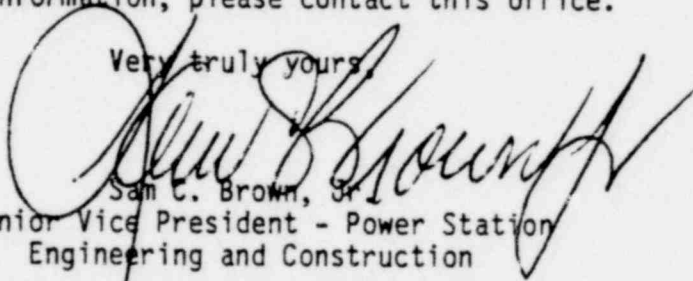
H. Other information:

None

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 (3)

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