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VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

October 17, 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. 843
PSE&C/SCJ:mac:wang

Docket No. 50-339

Dear Mr. O'Reilly:

On October 12, 1979, a report was made under the provisions of 10CFR50.55(e) concerning the Emergency Diesel Generator.

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
Emergency Diesel Generator

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

Fairbanks Morse, Inc.
Power System Division - Colt Industries
701 Lawton Avenue
Beloit, Wisconsin 53511

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

On August 30-31, 1979, approximately 22 hours into the 24 hour test run on the 2H Emergency Diesel Generator, the cylinder exhaust temperatures (cylinders #5, #7, #8, #10, & #11) exceeded the maximum temperature of 1100°F. The diesel was immediately unloaded and later shut down.

Upon inspection of the diesel, insulation material was found packed in the turbocharger fan blades and then was later found on top of the inner cooler coils. The Fairbanks Morse representative indicated that the insulation material was not part of the diesel combustion air intake system. Had the insulation in the turbocharger and inner cooler gone undetected, the potential would have existed for the Emergency Diesel Generator to be incapable of performing its intended safety function during an accident condition.

E. Date of determination of reportability:

October 12, 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 or time to complete the action:

All insulation material was removed from Unit 2H. Unit 2J was inspected and found to be free of any insulation material. On October 13, 1979, both Emergency Diesel Generator Units 2H & 2J were satisfactorily tested for 24 hours. On October 14, 1979, the factory representative reviewed the diesel logs and inspected the diesels.

The factory representative was satisfied with the performance of Emergency Diesel Generator Units 2H & 2J. Vepco concurs with the factory representative's assessment and therefore considers this problem resolved.

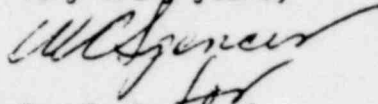
H. Other information:

Since no other actions will be required to correct the problem described in section D of this report, we consider this to be the final report under the provisions of 10CFR50.55(e).

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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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