Vepco

VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

September 27, 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. 717A
PSE&C/JMD:adw:mc

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 power penetrations.

During a review of the containment electrical power penetration fault current protection, it was discovered that some of the penetration limits are not co-ordinated with the protection device curves throughout the full range of potential faults.

We have completed the review of all power circuits utilizing containment electrical penetrations and determined the revision or modification necessary to ensure protection of the penetrations for the full range of potential fault currents. There are approximately eighty (80) circuits that require one of the following for complete protection: 1) adjust setting of protection relays, 2) de-energize circuit during plant operation, 3) replace starter overload relay and contactor with larger size, 4) add breaker to circuit, 5) double up penetration feed-thru conductors, or 6) add fuse to existing circuit.

Work is presently in progress on several of the circuit modifications. A firm completion date is not available due to as yet incomplete material delivery schedules. Completion is estimated by November 1, 1979.

This letter is an interim report on this subject and a final report will be submitted when the corrective action is complete. If additional information is required for your review, please notify us.

Very truly yours,

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

cc: Mr. Victor Stello, Director
Office of Inspection & Enforcement

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation

B019
S
1/0

7910020474

1071 151