

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

January 15, 1980

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. A. Schwencer, Chief
Operating Reactors Branch No. 1
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Serial No. 033
PO/TJW
LQA/ESG:shs

Docket No. 50-338

License No. NPF-4

Dear Mr. Denton:

INSERVICE TESTING OF PUMPS AND VALVES

The current program for inservice testing of pumps and valves at North Anna Power Station, Unit No. 1, as described in our letters of August 10, 1977 (Serial No. 052C), September 29, 1977 (Serial No. 052D), May 4, 1979 (Serial No. 328), and September 4, 1979 (Serial No. 712) will expire February 6, 1980. We propose that, except as specified below, our existing program be extended for the next 20 month interval. This request should be considered with our previous request for revisions in the inservice testing program, dated November 2, 1978 (Serial No. 597), for which we are still awaiting Staff approval.

Our letter of September 29, 1977 (Serial No. 052D) contained several commitments. Listed below are the commitments and the resolutions.

- Commitment 1: Vepco will study the possibility of installing suction pressure gages on the Residual Heat Removal Pumps.
- Resolution: Temporary gages will be installed on the Residual Heat Removal Pump suction lines when the surveillance tests are performed.
- Commitment 2: Vepco will study the possibility of installing a recirculation path for the Auxiliary Service Water Pump.
- Resolution: The response to this commitment was submitted to the staff in our letter dated May 4, 1979 (Serial No. 328). Monthly periodic testing of this pump commenced in July 1979.
- Commitment 3: Vepco will study the possibility of design changes to meet the intent of IWP-4210.
- Resolution: IWP-4210 refers to gage line venting. Gages used for pump surveillance tests are equipped with vent valves so no design changes are needed to comply with IWP-4210.

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Service Water Radiation Monitoring Sample Pumps are presently tested every 18 months. This has proven to be inadequate and we are commencing a monthly surveillance test; therefore, the testing frequency of 1-SW-P-5, 1-SW-P-6, 1-SW-P-7 and 1-SW-P-8 should be changed to at least once every 31 days. See Attachments for new service water radiation monitoring sample pump testing frequency.

This request has been evaluated in accordance with the criteria specified in 10 CFR 170.22. Since it is based on a program previously approved by the Staff, the Staff should be able to conclude that it does not involve a significant hazards consideration. Consequently, it has been determined to be in Class III and a check for \$4,000.00 is attached in payment of the required fee.

Your prompt approval of this request will be appreciated.

Very truly yours,



C. M. Stallings
Vice President-Power Supply
and Production Operations

Attachments:

1. Revised Page 18
2. Check for \$4,000.00

cc: Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
Region II

SERVICE WATER RADIATION MONITORING SAMPLE PUMP Class 3

1-SW-P-5

1-SW-P-6 Recirc. Spray Coolers
1-SW-P-7 (Service Water Side)

1-SW-P-8

MEASURED QUANTITIES

None

NOTES:

1-SW-P-5,6,7,8 will be tested at least once every 31 days. /

At least once per 18 months, each pump will be automatically started in conjunction with a test signal for Containment Depressurization Actuation.

Additionally, these pumps have a low flow alarm which, during an accident, will alert the control room operator to a low flow situation on sample flow from the respective flow path.