

USNRG REGION II
VIRGINIA ELECTRIC AND POWER COMPANY, GEORGIA
RICHMOND, VIRGINIA 23261

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WILLIAM C. SPENCER
VICE PRESIDENT

September 1, 1982

Mr. James P. O'Reilly
Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 508
PSE&C/CGC:btw

Docket No. 50-404

Dear Mr. O'Reilly:

FAILURES OF WESTINGHOUSE BFD RELAYS
IN SAFETY-RELATED SYSTEMS, IE BULLETIN 79-25

POSSIBLE MALFUNCTION OF NAMCO MODEL EA180 LIMIT
SWITCHES AT ELEVATED TEMPERATURES, IE BULLETIN 79-28

FAILURES OF WESTINGHOUSE TYPE W-2 SPRING
RETURN TO NEUTRAL CONTROL SWITCHES, IE BULLETIN 80-20

FAILURES OF SOLENOID VALVES MANUFACTURED
BY VALCOR ENGINEERING CORPORATION, IE BULLETIN 80-23

As you are aware, on October 15, 1979, Vepco announced that it was undertaking a feasibility study of North Anna Units 3 and 4. The resulting decision was to cancel Unit 4 and to proceed with Unit 3 as a nuclear unit. The captioned IE Bulletins were received during the feasibility study and placed in our "Delay File." We have recently reopened our reviews of these bulletins. The status of each is described below:

IE Bulletin 79-25

Since we are presently considering upgrading and/or replacing much of the control equipment supplied by our Nuclear Steam System (NSS) vendor, Babcock and Wilcox (B&W), we plan to defer our review of this equipment until a decision is made on the extent of its actual use on North Anna 3.

Our Architect-Engineer, Stone and Webster (S&W) has determined that for the balance of plant, the suspect relays have not been specified or purchased for Unit 3.

We are taking steps to ensure that future purchase orders of safety-related equipment specify that the subject relays are unacceptable.

We plan to make our final report on this subject after a decision is made on the use of existing B&W supplied control equipment.

IE Bulletin 79-28

B&W has determined that they have not supplied any NAMCO EA180 limit switches for North Anna Unit 3 valves.

S&W has determined that NAMCO EA180 limit switches were furnished by Fisher Controls Company under air-operated control valve purchase orders for Units 3 and 4. However, they have received written confirmation from Fisher that the EA180 limit switches furnished are not from the questionable production lot or that corrective action has been taken on switches date-coded February 1979 through August 1979, in accordance with NAMCO's recommendation.

S&W is sending letters to each of the "packaged" equipment vendors (vendors which could supply the above mentioned switches as part of their control schemes) to determine whether these switches are being supplied or planned.

We are taking steps to ensure that future purchase orders of safety-related equipment specify that the subject limit switches are unacceptable.

We plan to make a final report on this subject by October 31, 1982.

IE Bulletin 80-20

Since we are presently considering upgrading and/or replacing much of the B&W supplied control equipment, we plan to defer our review of this equipment until a decision is made on the extent of its actual use on North Anna 3.

S&W has determined that for the balance of plant, the suspect control switches have not been specified or purchased for Unit 3.

We are taking steps to ensure that future purchase orders of safety-related equipment specify that the subject control switches are unacceptable.

We plan to make our final report on this subject after a decision is made on the use of existing B&W supplied control equipment.

IE Bulletin 80-23

B&W has determined that they did not supply any Valcor solenoid valves for North Anna 3.

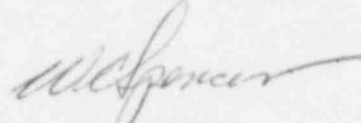
S&W has advised us they are unaware of the subject Valcor solenoid valves being supplied. They are sending letters to each of the "packaged" equipment vendors to determine whether these solenoid valves are being supplied or planned.

We are taking steps to ensure that future purchase orders of safety-related equipment specify that the subject solenoid valves are unacceptable.

We plan to make a final report on this subject by October 31, 1982.

If there are any questions, please advise

Very truly yours,

A handwritten signature in cursive script, appearing to read 'W. C. Spencer', written in dark ink.

W. C. Spencer

cc: Mr. Robert L. Tedesco
Division of Licensing