

VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

March 22, 1978

Central File

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 115B/022178
PO&M/DLB:dgt
Docket Nos. 50-280
50-281
50-338
License Nos. DPR-32
DPR-37
NPF-4

Dear Mr. O'Reilly:

This is in response to IE Bulletin 78-04, "Environmental Qualification of Certain Stem Mounted Limit Switches Inside Reactor Containment". Following is the information requested for Surry Power Station, Unit Nos. 1 and 2 and North Anna Power Station, Unit No. 1.

Surry Power Station, Unit Nos. 1 and 2

A document review has been performed in an effort to determine whether NAMCO Model D2400X or EA-170-302 SNAP LOCK switches are installed in safety-related equipment at Surry Power Station. However, the documentation available does not appear sufficient to determine in all cases, whether any of the subject limit switches are associated with safety-related valves. Therefore, at the next scheduled outage of each unit, a verification program will be conducted. The results of the survey and corrective action, if required, will be forwarded to you upon completion. Based on the current outage schedule, this information will be forwarded on or about July 15, 1978.

North Anna Power Station, Unit No. 1

As stated in IE Bulletin 78-04, and as explained in our letter of November 4, 1977, we have conducted a review at North Anna and have implemented corrective actions.

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As a result of our study, it was determined that the best solution was to alter the circuit of 21 valves in the containment to eliminate the limit switches as the "latch in" device; the "latch in" function to be provided by qualified relays located outside the containment. This approach eliminates the concern of in-containment environmental qualification. The necessary modifications were completed on Unit 1 as of November 4, 1977.

Very truly yours,

C. M. Stallings

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

cc: U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Division of Reactor Operations Inspection
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