VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

January 9, 1980

Washington PDR

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 1138A/120779
PO/RMT:baw
Docket Nos: 50-280
50-281
50-338
50-339
License Nos: DPR-32
DPR-37
NPF-4
Permit No. CPPR-78

Subject: IE Bulletin 79-28

Dear Mr. O'Reilly:

This is in response to IE Bulletin 79-28, "Possible Malfunction of Namco Model EA180 Limit Switches at Elevated Temperatures". Our responses for North Anna Power Station and Surry Power Station are attached.

Very truly yours,

C. M. Stallings

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

Attachment

cc: Director, Office of Inspection and Enforcement
Division of Reactor Operations Inspection
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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ORIGINAL COPY

North Anna Power Station
Response to IE Bulletin 79-28
Possible Malfunction of Namco
Model EA 180 Limit Switches at
Elevated Temperatures

1. Determine if your facility has installed or plans to install Namco EA180 switches in any safety-related equipment located inside or outside containment, including valve position indicating circuitry related to containment isolation valves.

Response:

We have reviewed the subject bulletin and, based on the results of our equipment review, we have determined that the installed switches for both units do not fall between date codes 02-79 and 08-79.

2. If such switches are identified, examine the four digit number stamped on the conduit boss of the switch housing. If this number falls between 02-79 and 08-79, replace the top gasket of the switch in accordance with the manufacturer's recommendations provided in the enclosed letter.

Response:

New replacement switches which were received during that period, although not necessarily date coded between 02-79 through 08-79, were modified by replacing the top gasket of the switch in accordance with the manufacturer's recommendations.

3. Submit your plans and programs, including schedules for corrective action, regarding your findings in response to Items 1 and 2 above.

Response

Since we have determined that all NAMCO Model EA180 switches in safety-related equipment located inside or outside containment, including valve position indication circuitry related to containment isolation valves, which were received between 02-79 and 08-79 have had the top gasket of the switch replaced in accordance with the manufacturer's recommendations, we believe no further action is required. This applies to both Unit Nos. 1 and 2.

Surry Power Station
Response to IE Bulletin 79-28
Possible Malfunction of Namco
Model EA180 Limit Switches at
Elevated Temperatures

1. Determine if your facility has installed or plans to install Namco EA180 switches in any safety-related equipment located inside or outside containment, including valve position indicating circuitry related to containment isolation valves.

Response:

Surry Power Station presently has six Namco EA180 model limit switches on site but not installed in any safety-related equipment.

2. If such switches are identified, examine the four digit number stamped on the conduit boss of the switch housing. If this number falls between 02-79 and 08-79, replace the top gasket of the switch in accordance with the manufacturer's recommendations provided in the enclosed letter.

Response:

The six switches do have four digit numbers on the housing which fall between 02-79 and 08-79. The top gaskets of the switches have been replaced with new gaskets in accordance with the manufacturer's recommendations.

3. Submit your plans and programs, including schedules for corrective action regarding your findings in response to items 1 and 2 above.

Response:

It is anticipated that the corrective actions already taken are sufficient.