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## VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

February 27, 1978



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. 101 PO&M/DLB:das Docket No. 50-281 License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following Licensee Event Reports for Surry Unit No. 2.

## Report Number

## Applicable Technical Specification

LER 006/03-L-0 LER 007/03-L-0 6.6.2(b)2 6.6.2(b)2

These reports have been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next neeting of the System Nuclear Safety and Operating Committee.

Very truly yours.

Lo.M. Stallings

C. M. Stallings

Vice President - Power Supply end Production Operations

Enclosures (3 copies)

cc: Dr. Ernst Volgenau, Director (40 copies)
Office of Inspection and Enforcement

Mr. William G. McDonald, Director (3 copies) office of Management Information and Program Control

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## LICENSEE EVENT REPORT CONTROL BLOCK: (PLEASE PRINT OR TYPE AL QUIRED INFORMATION) 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CONT 0 1 0 0 0 2 8 1 7 0 1 2 9 7 8 8 0 2 2 1 7 8 9 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During normal operation, the SOLA Transformer that powers Radiation Cabinet 2-2 failed 0 2 The transformer feed was de-energized and power was temporarily fed to Panel 2-2 from 03 This event is reportable per Technical Specification 6.6.2.b(2). The 0 4 Panel 2-1. health and safety of the general public were not affected. 0 5 0 6 0 7 0 8 CAUSE CAUSE COMP. VALVE SUBCODE CODE CODE SUBCODE COMPONENT CODE SUBCODE OCCURRENCE REVISION SEQUENTIAL REPORT LER/RO EVENT YEAR REPORT NO. CODE TYPE REPORT 0 | 0 | 6 | 0 NUMBER COMPONENT HOURS (22) SUBMITTED 0 0 0 Y Z Y (23) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) A capacitor ruptured in one of the two SOLA Transformers that power Radiation Monitor 1 0 - Cabinet 2-2. The affected transformer was isolated and normal power was restored 11 11 to Cabinet 2-2 via the parallel 5 KVA Transformer. 1 2 1 3 1 4 METHOD OF DISCOVERY OTHER STATUS (30) % POWER DISCOVERY DESCRIPTION (32) 11 | 0 | 0 | (29) NA Operator's Observation (31)80 AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) RELEASED\_OF RELEASE 1 6 ] (33) Z (34) NA 10 11 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER TYPE PERSONNEL INJURIES 80 DESCRIPTION (41) \$1 8 0 0 0 (40) LOSS OF OR DAMAGE TO FACILITY (43) DESCRIPTION 9 PUBLICITY NRC USE ONLY DESCRIPTION (45) 9.7-92 NA 68 69 (804) 357-3184 NAME OF PREPARER T. L. Baucom PHONE:--

LER 78 - 006/03-L-0

VIRGINIA ELECTRIC AND POWER COMPANY SURRY POWER STATION, UNIT 2 DOCKET NO: 050-0281

EVENT DATE: 1-29-78

During normal operation, smoke was observed coming from one of the two SOLA transformers that supply power to Radiation Monitoring Panel 2-2. The smoke was produced by vaporization of the dielectric fluid that leaked from a ruptured capacitor mounted in the transformer chassis. The power disconnect feeding the transformer group was opened, de-energizing Panel 2-2. Preparations were made to take local samples of Unit 2 air ejector vent and discharge tunnel, which were fed from the inoperable transformer.

The affected transformer was isolated and normal power to Panel 2-2 was restored through the paralleled 5 KVA transformer.

The health and safety of the general public were not affected because provisions had been made to take local samples if conditions required.

IRGINIA ELECTRIC AND POWER COMPANY SURRY POWER STATION, UNIT 2

DOCKET NO: 050-0281

**EVENT DATE: 1-31-78** 

During normal plant operation, it was discovered that Boric Acid Transfer Pump 2-CH-P-2D had tripped due to a thermal overload. The breaker was reset and the pump restarted. It was determined that the pump could not have been off for more than thirty minutes. Pump 2D was on recirc with the Boron Injection tank at the time of the trip.

Approximately two hours later, transfer pump 2-CH-P-2D again tripped on a thermal overload. Recirculation was then shifted to "C" transfer pump. This event is reportable per T.S. 6.6.2.b(2).

A thorough examination was conducted of the pump motor and controller (MR-2801310441) and no mechanical or electrical abnormalities were found. A recording ammeter wasinstalled on the motor and the pump returned to service. No further problems have been observed.

Although no specific causes could be determined for the pump trips, recirculation flow was quickly restored in both cases, and the BIT remained fully ready for use; therefore, the health and safety of the general public were not affected.

DISTURBLUTON SERVICES

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