

VIRGINIA ELECTRIC AND POWER COMPANY
 RICHMOND, VIRGINIA 23261



February 2, 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. 061
 PO&M/DLB:das
 Docket No. 50-281
 License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specification 6.6.2b(2) the Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit No. 2.

LER-78-001/01L-0

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

C. M. Stallings

C. M. Stallings
 Vice President - Power Supply
 and 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

A002/s
 1/1

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | V A S P S 2 | 0 0 - 0 0 0 0 0 - 0 0 | 4 1 1 1 1 | _____
 7 8 9 14 15 25 26 30 57 CAT 58

CON'T
 0 1 | REPORT SOURCE | L | 0 5 0 0 0 2 8 1 | 0 1 0 8 7 8 | 0 2 0 2 7 8 |
 7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation, it was found that condenser circulating water outlet valve
 0 3 | MOV-CW-200B would not close electrically. The valve could be operated manually and
 0 4 | an operator was assigned in the event emergency operation was necessary. This is
 0 5 | reportable under T.S. 6.6.2b(2). The health and safety of the public were not affect-
 0 6 | ed.
 0 7 |
 0 8 |

0 9 | SYSTEM CODE | H C | CAUSE CODE | C | CAUSE SUBCODE | Z | COMPONENT CODE | V A L V O P | COMP. SUBCODE | A | VALVE SUBCODE | Z |
 9 10 11 12 13 18 19 20
 17 | LER/RO REPORT NUMBER | 7 8 | SEQUENTIAL REPORT NO. | 0 0 1 | OCCURRENCE CODE | 0 3 | REPORT TYPE | L | REVISION NO. | 0 |
 21 22 23 24 26 27 28 29 30 31 32
 ACTION TAKEN | R | FUTURE ACTION | Z | EFFECT ON PLANT | Z | SHUTDOWN METHOD | Z | HOURS | 0 0 0 0 | ATTACHMENT SUBMITTED | Y | NPRD-4 FORM SUR. | N | PRIME COMP. SUPPLIER | A | COMPONENT MANUFACTURER | L 2 0 0 |
 33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | An investigation revealed the motor was grounded. The motor was cleaned, tested and
 1 1 | reinstalled. The valve was tested satisfactorily and returned to service.
 1 2 |
 1 3 |
 1 4 |

1 5 | FACILITY STATUS | E | % POWER | 1 0 0 | OTHER STATUS | N/A | METHOD OF DISCOVERY | A | DISCOVERY DESCRIPTION |
 7 8 9 10 12 13 44 45 46 80
 1 6 | ACTIVITY CONTENT | Z | RELEASED OF RELEASE | Z | AMOUNT OF ACTIVITY | N/A | LOCATION OF RELEASE |
 7 8 9 10 11 44 45 80
 1 7 | PERSONNEL EXPOSURES | 0 0 0 | TYPE | Z | DESCRIPTION | N/A |
 7 8 9 11 12 13 80
 1 8 | PERSONNEL INJURIES | 0 0 0 | DESCRIPTION | N/A |
 7 8 9 11 12 80
 1 9 | LOSS OF OR DAMAGE TO FACILITY | Z | DESCRIPTION | N/A |
 7 8 9 10 80
 2 0 | PUBLICITY | N | ISSUED | N | DESCRIPTION | N/A |
 7 8 9 10 11 80
 NRC USE ONLY

 60 69 80

NAME OF PREPARER T. L. Baucom

PHONE: (804) 357-3184

VIRGINIA ELECTRIC AND POWER COMPANY
DOCKET NO: 050-0281
EVENT DATE: 1-8-78

During normal unit operation while tagging out condenser box B, it was found that condenser circulating water outlet valve MOV-CW-200B would not close electrically. The valve was cycled manually and an operator was assigned for its emergency operation. The inlet valve was operable. A maintenance order (2801081315) was submitted to repair the motor operator. The investigation revealed the motor was grounded due to water incursion. The motor was removed, cleaned, tested and reinstalled.

The source of water which grounded the limit switch was diverted to a drain. The valve was tested satisfactorily and returned to service. The health and safety of the public was not affected because the operability of the valve was maintained by administrative control.

7802900000322

RECEIVED DOCUMENT
CONTROL DESK

1978 FEB 7 PM 12 14

U.S. NRC
DISTRIBUTION SERVICES
BRANCH