

**POOR ORIGINAL**

**LICENSEE EVENT REPORT**

CONTROL BLOCK: \_\_\_\_\_ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | V | A | N | A | S | 1 | 2 | G | d | - | 0 | d | d | d | d | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | \_\_\_\_\_ 5  
7 8 9 14 15 25 26 30 57 CAT 58

CON'T  
01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 1 | 0 | 0 | 3 | 3 | 8 | 7 | 0 | 8 | 2 | 8 | 7 | 9 | 8 | 0 | 9 | 2 | 7 | 7 | 9 | 9 | 9 |  
7 8 60 61 63 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | On August 28, 1979, during periodic testing of Containment Particulate Monitor  
03 | RM-RMS-159, the power fuses blew when the sample pump was placed in the stop position  
04 | causing both the containment particulate monitor and the containment gas monitor to be  
05 | declared inoperable for almost 2 hours. Since both monitors were returned to opera-  
06 | ble status within the 6 hour time limit allowed by the ACTION Statement, the health  
07 | and safety of station personnel and the general public were not affected. Report-  
08 | able pursuant to T.S. 6.9.1.9.b.  
7 8 9 80

09 | SYSTEM CODE | B | B | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | A | 13 | COMPONENT CODE | V | A | L | V | O | P | 14 | COMP. SUBCODE | P | 15 | VALVE SUBCODE | Z | 16 |  
7 8 9 10 11 12 13 18 19 20  
17 | LER RO REPORT NUMBER | 7 | 9 | EVENT YEAR | 7 | 9 | SEQUENTIAL REPORT NO. | 1 | 0 | 5 | OCCURRENCE CODE | 0 | 3 | REPORT TYPE | L | REVISION NO. | 0 |  
21 22 23 24 26 27 28 29 30 31 32  
ACTION TAKEN | A | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 22 | ATTACHMENT SUBMITTED | Y | 23 | NRPD-4 FORM SUB. | N | 24 | PRIME COMP. SUPPLIER | A | 25 | COMPONENT MANUFACTURER | A | 4 | 9 | 9 | 26 |  
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The fuses blew when the sample pump was placed in the stop position because the coil  
11 | on purge solenoid valve k5 shorted out. The solenoid valve coil was replaced and the  
12 | radiation monitors were returned to service.  
13 |  
14 |  
7 8 9 80

15 | FACILITY STATUS | E | 28 | % POWER | 0 | 9 | 6 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | B | 31 | DISCOVERY DESCRIPTION | Surveillance Test | 32 |  
7 8 9 10 12 13 44 45 46 80

16 | ACTIVITY CONTENT | 7 | 33 | RELEASED OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36 |  
7 8 9 10 11 44 45 80

17 | PERSONNEL EXPOSURES | NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39 |  
7 8 9 11 12 13 80

18 | PERSONNEL INJURIES | NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41 |  
7 8 9 11 12 80

19 | LOSS OF OR DAMAGE TO FACILITY | TYPE | Z | 42 | DESCRIPTION | NA | 43 |  
7 8 9 10 80

20 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | NA | 45 |  
7 8 9 10 80

3  
7910000 357

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Virginia Electric and Power Company  
North Anna Power Station, Unit #1  
Docket No. 50-338  
Report No. LER 79-105/03L-0

Attachment: Page 1 of 1

Description of Event

On August 28, 1979, during Mode 1 operation, the sample pump for the containment particulate monitor and the containment gas monitor was placed in the stop position for the performance of a periodic test. As soon as the pump was placed in the stop position, the power fuses blew resulting in both containment radiation monitors being declared inoperable which is in violation of T.S. 3.4.6.1. RM-RMS-159 and RM-RMS-160 remained inoperable for almost 2 hours.

Probable Consequences of Occurrence

The Containment Particulate and Gas Monitoring Systems are used as a primary means of detecting a Reactor Cooling System leak. The systems also provide a signal to secure and isolate the Containment Purge Supply and Exhaust Systems on a high-high particulate or gas level in Mode 6. Both the Containment Particulate Monitor and the Containment Gas Monitor were returned to operable status within the 6 hour time limit allowed by the ACTION statement and no violation of the Environmental Technical Specifications occurred. As a result, the health and safety of station personnel and the general public were not affected by this event. There are no generic implications associated with this occurrence.

Cause

The cause for the fuses blowing when the sample pump was placed in the stop position was a shorted coil on purge solenoid valve k5.

Immediate Corrective Action

New power fuses were immediately installed and the defective solenoid valve coil was replaced with a new coil. Both radiation monitors were then returned to service and the periodic test was re-performed with satisfactory results.

Scheduled Corrective Action

No scheduled corrective action required.

Actions Taken To Prevent Recurrence

No further actions required.

10/C3

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