

LICENSEE EVENT REPORT

CONTROL BLOCK / / / / / (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

/01/ /V/A/N/A/S/1/ (2) /0/0/-/0/0/0/0/0/-/0/0/ (3) /4/1/1/1/1/ (4) / / / (5)
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT
/01/ REPORT /L/ (6) /0/5/0/0/0/3/3/8/ (7) /0/4/1/9/8/2/ (8) /0/5/0/7/8/2/ (9)
SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/02/ / On April 19, 1982, with Unit 1 at 30% power, Fire Door S71-17 between the 1J /
/03/ / Emergency Diesel Generator Room and the Turbine Building was declared inoperable /
/04/ / because it would not close and latch without assistance. Since a fire watch was /
/05/ / immediately posted, the public health and safety were not affected. This event /
/06/ / is contrary to T.S. 3.7.15 and reportable pursuant to T.S. 6.9.1.9.b. /
/07/ / /
/08/ / /

SYSTEM CAUSE CAUSE COMP. VALVE
CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE

/09/ /A/B/ (11) /E/ (12) /B/ (13) /X/X/X/X/X/X/ (14) /Z/ (15) /Z/ (16)
LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION
REPORT NO. TYPE NO.
(17) NUMBER /8/2/ /-/ /0/2/6/ / / /0/3/ /L/ /-/ /0/

ACTION FUTURE EFFECT SHUTDOWN ATTACHMENT NPRD-4 PRIME COMP. COMPONENT
TAKEN ACTION ON PLANT METHOD HOURS SUBMITTED FORM SUB. SUPPLIER MANUFACTURER

/E/ (18) /X/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /A/ (25) /C/1/7/5//
(26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The door would not close completely because it was slightly warped. This type of/
/1/1/ / damage is sustained while closing the door during diesel operation with pressure /
/1/2/ / in the room less than atmospheric. The closure device was readjusted and the /
/1/3/ / door verified to operate properly. /
/1/4/ / /

FACILITY METHOD OF
STATUS %POWER OTHER STATUS DISCOVERY DISCOVERY DESCRIPTION (32)
/1/5/ /E/ (28) /0/3/0/ (29) / NA / (30) /B/ (31) /Observed during routine inspec./

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
/1/6/ /Z/ (33) /Z/ (34) / NA / / NA /

PERSONNEL EXPOSURES
NUMBER TYPE DESCRIPTION (39)
/1/7/ /0/0/0/ (37) /Z/ (38) / NA /

PERSONNEL INJURIES
NUMBER DESCRIPTION (41)
/1/8/ /0/0/0/ (40) / NA /

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
/1/9/ /Z/ (42) / NA /

PUBLICITY
ISSUED DESCRIPTION (45)
/2/0/ /N/ (44) / NA /

8205210384 820507
PDR ADOCK 05000338
S PDR

NRC USE ONLY

NAME OF PREPARER W. R. CARTWRIGHT PHONE (703) 894-5151

Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No. 50-338
Report No. LER 82-026/03L-0

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Description of Event

On April 19, 1982, with Unit 1 at 30% power, the fire door between the 1J Emergency Diesel Generator Room and the Turbine Building would not close without assistance.

Probable Consequences of Occurrence

A fire watch was immediately posted; therefore the public health and safety were not affected.

Cause of Event

The door would not close because it was slightly warped. This type of damage occurs due to repeated door closures while the diesel generator is in operation. With a diesel in operation a lower than ambient pressure exists in the room which exerts an additional closing force on the door. This condition is the result of Diesel Generator Cooling and Combustion air being exhausted from the room.

Immediate Corrective Action

A fire watch was immediately posted and a maintenance request initiated. Subsequent corrective action consisted of readjusting the door reclosure device and verifying the door closed and latched properly without assistance.

Scheduled Corrective Action

A solution to the Diesel Generator Door closure problem is presently undergoing an engineering evaluation.

Actions Taken to Prevent Recurrence

Design modification to prevent recurrence are being pursued. Since the problem is one of accelerated degradation of the door and not of a catastrophic type of failure, the door will function as a fire barrier until rendered inoperable by further degradation.

Generic Implications

Degradation of the access doors between each of the Emergency Diesel Generator Rooms and the Turbine Building is generic to North Anna Units 1 and 2.