U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

/0/1/ /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

/0/1/ REPORT SOURCE /L/ (6) /0/5/0/0/0/3/3/8/ (7) /0/4/1/4/8/1/ (8) /0/5/1/5/8/1/ (9)
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On April 14, 1981, with the Unit in Mode 1, the fire damper between Unit 1 and 2 /
/0/3/ / cable tunnels failed to shut during an operational inspection. Within one hour, /
/0/4/ / the fire detectors were verified operational and a fire watch was posted. Hence,/
/0/5/ / the health and safety of the general public were not affected. This Special /
/0/6/ / Report is being submitted pursuant to T.S. 3.9.2 as called for by T.S. 3.7.15 /
/0/7/ / (Unit 2) since the fire damper was not made operational within seven days. /
/0/8/ / /

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

/0/9/ /A/B/ (11) /B/ (12) /A/ (13) /V/A/L/V/E/X/ (14) /X/ (15) /D/ (16)

LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.

(17) /8/1/ /-/ /0/3/1/ / \ / /0/3/ /L/ /-/ /0/

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

/Z/ (18) /F/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /L/ (25) /A/1/8/1/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The fire damper failed to shut due to binding of the trip cable and misalignment /
/1/1/ / of the door within its track. An Engineering Work Request was initiated to pro- /
/1/2/ / pose a solution to improve operability of the damper. The modification has not /
/1/3/ / been incorporated at this time. /
/1/4/ / /

FACILITY STATUS | %POWER | OTHER STATUS | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)

/1/5/ /E/ (28) /1/0/0/ (29) / NA / (30) /A/ (31) / Fire Marshal Observation /

ACTIVITY RELEASED | CONTENT 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) | NRC USE ONLY

/2/0/ /N/ (44) / NA / / / / / / / / / / / /

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

8105200294

Virginia Electric and Power Company
North Anna Power Station, Unit 1
Docket No. 50-338
Report No. LER 81-031/03L-0

Attachment: Page 1 of 1

Description of Event

On April 14, 1981, with the unit in Mode 1, the fire damper between Unit 1 and 2 cable tunnels failed to shut during an operational inspection. Since the fire damper was not made operational within seven days, this Special Report is being submitted pursuant to T.S. 6.9.2 as called for by T.S. 3.7.15 (Unit 2).

Probable Consequences of Occurrence

The fire detectors within the cable vaults were verified operational within one hour and a fire watch was posted. Thus, the health and safety of the general public were not affected.

Cause of Event

The fire damper failed to shut due to binding of the trip cable and misalignment of the door within its track.

Immediate Corrective Action

As required by the action statement, the fire detectors in the area were verified operational and a fire watch was posted. A Maintenance Request was initiated which required an Engineering Work Request since Mechanical Maintenance could not assure that the damper would shut consistantly.

Scheduled Corrective Action

The Engineering Work Request specifies that the trip wire connecting the damper to the CO_2 blow off for actuation should be flexible enough to pass through two pulleys without binding the damper. Further, the pulleys are rearranged and sized to pass the cable freely. Also, the gravity operated damper is to be weighted to provide more force for closing.

Actions Taken to Prevent Recurrence

No further actions are required at this time.

Generic Implications

There are no generic implications.