

LICENSEE EVENT REPORT

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

/0/1/ /V/A/N/A/S/2/ (2) /0/0/-/0/0/0/0/0/-/0/0/ (3) /4/1/1/1/1/ (4) / / / (5)

/0/1/ REPORT SOURCE /L/ (6) /0/5/0/0/0/3/3/9/ (7) /1/0/1/3/8/2/ (8) /1/0/2/7/8/2/ (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On October 13, 1982, with the Unit in Mode 1, Casing Cooling Pump 2-RC-P-3A was /
/0/3/ / removed from service for maintenance because the acceptance criteria of the /
/0/4/ / monthly surveillance test could not be met. Since Casing Cooling Pump 2-RS-P-3B /
/0/5/ / remained operable during this period and since 2-RS-P-3A was returned to service /
/0/6/ / the following day, the health and safety of the general public were not affected. /
/0/7/ / This event is contrary to T.S. 3.6.2.2 and reportable pursuant to T.S. 6.9.1.9.b. /
/0/8/ /

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

/0/9/ /S/B/ (11) /E/ (12) /B/ (13) /P/U/M/P/X/X/ (14) /B/ (15) /Z/ (16)
LER/RO EVENT YEAR REPORT NO. OCCURRENCE REPORT REVISION
NUMBER /8/2/ /-/ /0/6/6/ / 0/3/ /L/ /-/ /0/

(17) ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
/E/ (18) /X/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /A/ (25) /L/0/8/8/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / Casing Cooling Pump 2-RS-P-3A was removed from service because the differential /
/1/1/ / pressure value was below the acceptable range. The pump impeller was adjusted /
/1/2/ / using approved procedures and the pump was tested and returned to service. /
/1/3/ / The monthly surveillance test will be performed at twice normal frequency until /
/1/4/ / two consecutive tests are successfully completed. /

FACILITY STATUS %POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
/1/5/ /E/ (28) /1/0/0/ (29) / NA / (30) /B/ (31) / Operator Observation /

ACTIVITY CONTENT 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 TYPE DESCRIPTION (43)
/1/9/ /Z/ (42) / NA /

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

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

Virginia Electric and Power Company  
North Anna Power Station, Unit No. 2  
Docket No. 50-339  
Attachment to LER 82-066/03L-0

Attachment: Page 1 of 1

#### Description of Event

On October 18, 1982, with the Unit in Mode 1, Casing Cooling Pump 2-RS-P-3A was removed from service for maintenance because the acceptance criteria of the monthly surveillance test could not be met. This event is contrary to T.S. 3.6.2.2 and reportable pursuant to T.S. 6.9.1.9.b.

#### Probable Consequences of Occurrence

The Operability of the containment spray systems ensures that containment depressurization and subsequent return to subatmospheric pressure will occur in the event of a LOCA. The Casing Cooling Subsystem increases the net positive suction head available to the outside recirculation spray pumps by means of cold water injection. Since Casing Cooling Pump 2-RS-P-3A was returned to service within the time period required by the action statement and since Casing Cooling Pump 2-RS-P-3B remained operable during this period, the health and safety of the general public were not affected.

#### Cause of Event

Casing Cooling Pump 2-RS-P-3A was removed from service because the differential pressure measured during the performance of the monthly surveillance was below the acceptable value. The acceptable range is 49.5 psid to 54.3 psid and the pump measured 48 psid. This reading fell into the "ALERT" range and was above the limit of Required Action (47.9 psid).

#### Immediate Corrective Action

A Maintenance Request was written and the pump was removed from service. The pump impeller clearance was adjusted and the surveillance test was performed with satisfactory results.

#### Scheduled Corrective Action

The surveillance test will be performed at double the normal frequency until two consecutive tests are successfully completed to insure proper operation of the pump.

#### Action Taken To Prevent Recurrence

No further action is taken to prevent recurrence.

#### Generic Implications

There are no generic implications to this event.