

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 /L/ (6) /0/5/0/0/0/3/3/8/ (7) /0/8/1/4/8/0/ (8) /0/8/2/7/8/0/ (9)
SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / The containment air particulate high flow alarm was activated when a relay /
/0/3/ / switch in the monitoring system had become disconnected. The air particulate /
/0/4/ / radioactivity level would have had to be sampled by the Health Physics depart- /
/0/5/ / ment every 24 hours if the monitoring system had not been repaired. Since the /
/0/6/ / air particulate radioactivity monitoring system was repaired within a few hours /
/0/7/ / the health and safety of the public were not affected. Reportable pursuant to /
/0/8/ / 6.9.1.9.b. /

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

/0/9/ /B/B/ (11) /E/ (12) /G/ (13) /R/E/L/A/Y/X/ (14) /A/ (15) /Z/ (16)
LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION
REPORT NO. TYPE NO.
(17) NUMBER /8/0/ /-/ /0/7/0/ / \ / /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
/A/ (18) /Z/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /X/ (25) /P/2/9/7/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / Instrument technicians discovered the high flow relay switch had come out of /
/1/1/ / its socket. The relay was replaced and the loose relay socket was tightened. /
/1/2/ / The system was tested by procedure to prove satisfactory performance and /
/1/3/ / returned to service. /
/1/4/ /

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

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 / NRC USE ONLY / / / / / / / / / / / / / /

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

Virginia Electric and Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Attachment to LER 80-070/03L-0

Attachment: Page 1 of 1

Description of Event

The containment air particulate high flow alarm was activated when a relay switch in the radioactivity monitoring system had become disconnected. The applicable T.S. is 3.4.6.1 and the event is reportable pursuant to 6.9.1.9.b.

Probable Consequences of Event

The air particulate radioactivity level would have had to be determined by a grab sample taken by the Health Physics department every 24 hours if the monitoring system had not been repaired.

Cause of Event

The high flow relay switch had come out of its socket. The relay is adjacent to a 440 volt motor which vibrates the electronic equipment associated with the monitoring system.

Immediate Corrective Action

The relay was replaced and the relay socket was tightened. The system was tested by procedure to prove satisfactory performance and returned to service.

Scheduled Corrective Action

An engineering study is being conducted to ascertain the feasibility of mounting the motor on a shock absorbing spring system.

Actions Taken to Prevent Recurrence

No further actions are required.

Generic Implications

This vibration problem is generic to all similarly constructed monitoring systems based on maintenance history to date.