

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On April 23, 1983, Low Head Safety Injection Pump 1-SI-P-1B Suction Isolation /
/0/3/ / Valve failed to open during an ISI test. This rendered 1-SI-P-1B inoperable. /
/0/4/ / Since the redundant pump was available the health and safety of the public were /
/0/5/ / not affected. This event is contrary to T.S. 3.5.2 and reportable pursuant to /
/0/6/ / T.S. 6.9.1.9.b. /
/0/7/ / /
/0/8/ / /

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

/0/9/ /S/F/ (11) /E/ (12) /B/ (13) /V/A/L/V/O/P/ (14) /X/ (15) /Z/ (16)
LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION
REPORT NO. NO.
(17) NUMBER /8/3/ /-/ /0/2/3/ / / /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

/X/ (18) /X/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /Y/ (24) /A/ (25) /S/4/2/0/ (26)
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / MOV-1860B failed to open due to lack of lubrication of the valve in the stem to /
/1/1/ / operator nut area. The valve stem was subsequently lubricated and stroked /
/1/2/ / satisfactorily. /
/1/3/ / /
/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 E. WAYNE HARRELL

PHONE (703) 894-5151

Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No. 50-338
Attachment to LER 83-023/03L-0

Attachment: Page 1 of 1

Description of Event

On April 23, 1983, Low Head Safety Injection Pump, 1-SI-P-1B, Suction Isolation Valve MOV-1860B failed to open upon demand from the Control Room during a monthly inservice inspection test 1-PT-57.2. The failure of the suction valve to open rendered 1-SI-P-1B inoperable. This event is contrary to T.S. 3.5.2 and reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

Low Head Safety Injection Pump 1-SI-P-1B is one of two low pressure pumps which insure adequate core cooling following a loss of coolant accident. Since only one pump is required to operate during a LOCA and 1-SI-P-1A was operable, the health and safety of the public were not affected.

Cause of Event

MOV-1860B failed due to lack of lubrication in the area of the valve stem to motor operator connection. A motor operated valve periodic lubrication program has been established at North Anna for safety related valves as of February 14, 1983. MOV-1860B was scheduled to be lubricated during the 1984 Unit 1 refueling outage.

Immediate Corrective Action

Immediate corrective action was to lubricate the valve stem and motor operator and cycle the valve satisfactorily.

Scheduled Corrective Action

None required.

Action Taken To Prevent Recurrence

MOV-1860B will be lubricated on an 18 month interval in accordance with the motor operated valve periodic lubrication program.

Generic Implications

Low head safety injection pump suction isolation valves are similar for North Anna Units 1 and 2.

Vepco

REGION II
ATLANTA, GEORGIA
VIRGINIA ELECTRIC AND POWER COMPANY

83 MAY 23 AIO: 34
NORTH ANNA POWER STATION

P. O. BOX 402

MINERAL, VIRGINIA 23117

May 18, 1983

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

Serial No. N-83-061
NO/ CLF: dus
Docket No. 50-338
License No. NPF-4

Dear Mr. O'Reilly:

Pursuant to North Anna Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following License Event Report applicable to North Anna Unit No. 1.

Report No.

Applicable Technical Specifications

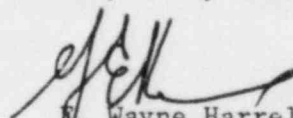
LER 83-023/03L-0

T.S. 6.9.1.9.b

This report is submitted one day late because as investigation of the event proceeded, it was necessary to collect further information to assemble a meaningful and competent report.

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be forwarded to Safety Evaluation and Control for their review.

Very Truly Yours,


W. Wayne Harrell
For Station Manager

Enclosures (3 copies)

cc: Document Control Desk (1 copy)
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U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

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