

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On March 25, 1982, with unit 1 in Mode 1, Reactor Coolant System Unidentified /
 /0/3/ / Leakage was determined to be 2.01 GPM which is greater than the 1 GPM allowed /
 /0/4/ / by T.S. 3.4.6.2. Since the Unidentified Leakage was reduced below 1 GPM within /
 /0/5/ / 4 hours, the health and safety of the general public were not affected. This /
 /0/6/ / event is contrary to T.S. 3.4.6.2 and reportable pursuant to T.S. 6.9.1.9.b. /
 /0/7/ / /
 /0/8/ / /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /C/B/ (11)	/E/ (12)	/B/ (13)	/V/A/L/V/E/X/ (14)	/F/ (15)	/D/ (16)
LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
(17) /8/2/	/-/	/0/1/5/	/ \ /	/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
/B/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/N/ (25)	/E/0/9/5/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The high Unidentified Leakage was caused by a packing leak on 1-RC-129, a Chan- /
 /1/1/ / nel III pressurizer pressure and level instrument isolation valve. 1-RC-129 and /
 /1/2/ / 1-RC-130 were closed reducing the Unidentified Leakage below 1 GPM and PT-1457 /
 /1/3/ / and LT-1461 were placed in trip as required by T.S. 3.3.1.1 and 3.3.2.1. Valve /
 /1/4/ / 1-RC-129 was repacked, and returned to service. /

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 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 TYPE	DESCRIPTION (43)
/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

Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No. 50-338
Report No. LER 82-015/03L-0

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Description of Event

On March 25, 1982, with Unit 1 in Mode 1, Reactor Coolant System unidentified leakage was determined to be 2.01 gpm which is greater than the 1 gpm allowed by T.S. 3.4.6.2. This event is reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

Since the unidentified leakage was reduced below 1 gpm within four hours the public health and safety were not affected.

Cause of Event

The high unidentified Reactor Coolant System leakage was caused by a packing leak on 1-RC-129, a channel III pressurizer pressure and level instrument isolation valve. A similar event also involving 1-RC-129 occurred on February 11, 1982 and was reported in LER-RO-NI-82-05.

Immediate Corrective Action

The isolation valves to channel III pressurizer pressure (PT-1457), and pressurizer level (LT 1461) were closed to isolate the packing leak and reduce unidentified leakage below 1 gpm. Since instrument channels PI-1457 and LI-1461 were isolated from the Reactor Coolant System they were declared inoperable and placed in the trip condition within 1 hour as per T.S. 3.3.1.1. Valve 1-RC-129 was repacked, cycled and returned to service.

Scheduled Corrective Action

No scheduled corrective action is required

Actions Taken to Prevent Recurrence

No further action is required to prevent recurrence.

Generic Implications

There are no generic implications to this event.