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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On July 30, 1980 while operating in Mode 2 at 3% power the bypass feedwater /
/0/3/ / regulator valve failed open causing a high water level in "A" steam generator. /
/0/4/ / This resulted in a cool down of the Reactor Coolant System to a Tave of 537°F. /
/0/5/ / Since Tave was returned to within the proper limit (>541°F) in two minutes, the/
/0/6/ / health and safety of the public were not affected. Reportable pursuant to /
/0/7/ / 6.9.1.9.b, and the applicable T.S. 3.1.1.5. /
/0/8/ / /

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/	/C/H/ (11)	/E/ (12)	/B/ (13)	/V/A/L/V/0/P/ (14)	/D/ (15)	/Z/ (16)

(17)	LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
		/8/0/	/-/0/4/5/	/ \ / /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
/X/ (18)	/Z/ (19)	/C/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/X/ (25)	/F/1/3/0/ (26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The operator for the feedwater regulator bypass valve caused the valve to move /
/1/1/ / erratically and then fail open. The exact reason for why the valve operator /
/1/2/ / failed is unknown, however, it is suspected that water got into the instrument /
/1/3/ / air line causing the valve operator to malfunction. Instrument technicians /
/1/4/ / inspected the valve thoroughly, and blew down the instrument air line. /

	FACILITY STATUS	%POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/	/B/ (28)	/0/0/3/ (29)	/ NA /	/A/ (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 (43)

	TYPE	DESCRIPTION
/1/9/	/Z/ (42)	/ NA /

PUBLICITY

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

8009030586

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

Virginia Electric and Power Company
North Anna Power Station
Docket Nol 50-339
Report No. LER 80-044

Description of Event

On July 30, 1980 while operating in Mode 2 at 3% power the bypass feedwater regulator valve failed open causing a high water level in "A" steam generator. This resulted in a cool down of the Reactor Coolant System to a Tave of 537°F. Reportable pursuant to 6.9.1.9.b, and the applicable T.S. is 3.1.1.5.

Probable Consequences of Event

Since Tave was returned to within the proper limit (> 541°F) in two minutes, the health and safety of the public were not affected.

Cause of Event

The operator for the feedwater regulator valve caused the valve to move erractically and then fail open. The reason for why the valve operator failed is unknown, although it is suspected that water got into the instrument air line and caused the valve operator to malfunction.

Immediate Corrective Action

Instrument technicians inspected the valve thoroughly, and found no mechanical deficiencies. The instrument air line was blown down to clear it of any water that might have been in it.

Scheduled Corrective Action

No scheduled corrective action is required.

Actions Taken to Prevent Recurrence

No action is required.

Generic Implications

There are no generic implication based on maintenance history to date.