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) /1/2/0/5/8/2/ (8) /1/2/2/1/8/2/ (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On December 05, 1982, during Mode 1 operation, the containment average air temp- /
/0/3/ / erature exceeded 105°F. Since the average air temperature was restored to within/
/0/4/ / the limit of T.S. 3.6.1.5 within 8 hours, the health and safety of the general /
/0/5/ / public were not affected. This event is reportable pursuant to T.S. 6.9.1.9.b. /
/0/6/ /
/0/7/ /
/0/8/ /

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/	/S/B/ (11)	/X/ (12)	/Z/ (13)	/Z/Z/Z/Z/Z/Z/ (14)	/Z/ (15)	/Z/ (16)

	LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
(17)		/8/2/	/-/ /0/7/8/	/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)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/A/ (25)	/G/2/1/0/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The high average air temperature was caused by the temperature increase of the /
/1/1/ / chilled water to the containment air recirculation cooling coils. This was /
/1/2/ / caused by the temporary inoperability of the mechanical refrigeration unit. The /
/1/3/ / refrigeration unit was returned to service and the containment average air temp- /
/1/4/ / erature restored. /

	FACILITY STATUS	%POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/	/E/ (28)	/0/3/0/ (29)	/ NA / (30)	/A/ (31)	/ Operational Event /

	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)
/2/0/	/N/ (44)	/ NA /

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

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

Virginia Electric and Power Company
North Anna Power Station, Unit No. 2 Attachment: Page 1 of 1
Docket No. 50-339
Attachment to LER 82-078/03L-0

Description of Event

On December 5, 1982 during Mode 1 operation, the containment average air temperature exceeded the T.S. 3.6.1.5 maximum limit of 105°F. The containment average temperature went greater than 105°F at 1430 and was restored to less than the T.S. 3.6.1.5 limit at 1540 (total 1 hour and 10 minutes). This event is reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

The maximum containment average air temperature limit ensures that the containment design bases for the safety analysis are not exceeded. Since the containment temperature was reduced to below the T.S. 3.6.1.5 limit within the Action Statement time frame, the health and safety of the public were not affected.

Cause of Occurrence

This event was caused by the inoperability of the mechanical refrigeration unit causing the chilled water temperature to increase. This reduced the heat load removal capability inside of the containment causing the average temperature to increase. The cause of the refrigeration unit trip could not be determined.

Immediate Corrective Action

The mechanical refrigeration unit was returned to service and the chilled water temperature reduced. This caused the decrease in the containment average temperature to less than 105°F.

Scheduled Corrective Action

No further action required.

Action Taken To Prevent Recurrence

No further corrective actions are required.

Generic Implications

There are no generic implications from this event.