

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) /0/6/0/9/8/1/ (8) /0/7/0/9/8/1/ (9)
SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On June 9, 1981, with the unit operating at 100% power, the annunciator for the /
/0/3/ / 16 Hz east-west containment mat response spectrum recorder illuminated and /
/0/4/ / could not be reset. This was the only alarm received. The triaxial time-history/
/0/5/ / accelograph for the containment mat remained operable. This is reportable /
/0/6/ / pursuant to T.S. 3.3.3.3 and 6.9.2.c. The health and safety of the general /
/0/7/ / public were not affected. /
/0/8/ /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/	/I/F/ (1')	/X/ (12)	/Z/ (13)	/I/N/S/T/R/U/ (14)	/R/ (15)
		SEQUENTIAL	OCCURRENCE	REPORT	REVISION
(17)	LER/RO	EVENT YEAR	REPORT NO.	CODE	TYPE
	REPORT				NO.
	NUMBER	/8/1/	/-/	/0/4/1/	/ \ /
				/9/9/	/T/
				/-/	/0/

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
/Z/ (18)	/E/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/A/ (25)	/E/2/5/9/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The cause of the malfunction is unknown at the present time. The containment mat/
/1/1/ / triaxial response spectrum recorder will be replaced or repaired during the next /
/1/2/ / scheduled cold shutdown. /
/1/3/ /
/1/4/ /

FACILITY STATUS	%POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/	/E/ (28)	/1/0/0/ (29)	/ NA / (30)	/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	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)	8108030425 810709 PDR ADOCK 05000338 S PDR	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 #1
Docket No. 50-338
Report No. LER 81-041/99T-0

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Description of Event

On June 6, 1979 with Unit 1 at 100% power, the containment mat response spectrum recorder indicated an alarm on the east-west axis at a frequency of 16 Hz. This alarm indicated an amplitude of $\geq 0.099g$.; however, there was no alarm for $\geq 0.142g$. in the same axis and frequency. The alarm would not reset.

Probable Consequences of Occurrence

The alarm is believed to be an equipment malfunction rather than a seismic event. None of the other 11 frequencies for east-west axis alarmed nor were any of the 12 frequencies for the north-south or vertical axes alarmed at the time. The triaxial time history accelograph is available in the event of seismic activity. There was no effect on the public health or safety.

Cause of Event

The cause of the alarm is unknown presently. Containment entry to investigate this problem is not practical with the unit power due to the high radiation level.

Immediate Corrective Action

An attempt was made to reset the alarm. The problem was verified to originate from the field sensor inside the containment.

Scheduled Corrective Action

The containment mat response spectrum recorder will be repaired or replaced during the next cold shutdown.

Actions Taken to Prevent Recurrence

No further action is required.

Generic Implications

There are no generic implications.