

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On May 22, 1981, while in Mode I, one of two safeguards area ventilation systems /  
 /0/ / (SAVS) was declared inoperable due to a failure of the exhaust fan (1-HV-F-40A) /  
 /0/4/ / discharge rubber expansion joint. This event is contrary to the requirements of /  
 /0/5/ / T.S. 3.7.8.1 and reportable pursuant to T.S. 6.9.1.9.b. Since the redundant SAVS /  
 /0/6/ / remained operable and the expansion joint was repaired within 7 days as /  
 /0/7/ / required by the action statement, the public health and safety were not affected /  
 /0/8/ /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /X/X/ (11)	/E/ (12)	/X/ (13)	/X/X/X/X/X/X/ (14)	/Z/ (15)	/Z/ (16)
LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.

(17) /8/1/ /-/ /0/4/4/ / \ / /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  
 /A/ (18) /Z/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /N/ (24) /A/ (25) /J/1/2/7/ (26)  
 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / This event was caused by the failure of the rubber expansion joint retaining /  
 /1/1/ / system. The expansion joint was refastened and declared operable. /  
 /1/2/ /  
 /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 /
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)			
/2/0/ /N/ (44)	/ NA /			

NRC USE ONLY  
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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 81-044/03L-0

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#### Description of Event

On May 22, 1981, while performing a routine walkdown, operations personnel noted that the expansion joint on the discharge of SAVS exhaust fan (1-HV-F-40A) had pulled loose from the ventilation ducting. Operation of the fan was terminated and maintenance personnel notified. Other expansion joints were examined with no discrepancies.

#### Probable Consequences of Occurrence

In the event of a LOCA, the SAVS exhaust fan takes a suction in the safeguards area through charcoal and HEPA filters to ensure that radioactive materials leaking from ECCS equipment within the pump room are filtered prior to entering the atmosphere. Since the redundant SAVS train remained operable and the joint was repaired within 7 days as required by T.S. 3.7.8.1, the health and safety of the public were not affected.

#### Cause of Event

The cause of this event was the failure of the rubber expansion joint retaining system on the discharge side of 1-HV-F-40A.

#### Immediate Corrective Action

The rubber expansion joint was reattached and properly fastened.

#### Scheduled Corrective Action

No further action required.

#### Actions Taken to Prevent Recurrence

This is considered an isolated event with no further action required.

#### Generic Implications

There are no generic implications as a result of this event.