

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 /L/ (6) /0/5/0/0/0/3/3/9/ (7) /0/4/1/4/8/1/ (8) /0/5/0/6/8/1/ (9)  
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On April 14, 1981, during Mode 1 operation at 100% power, the B Train quench /  
 /0/3/ / spray subsystem was removed from service for maintenance purposes. The pump /  
 /0/4/ / was returned to operable status within the 72 hour time allowance of T.S. /  
 /0/5/ / 3.6.2.1 and the A Train quench spray subsystem remained operable. The /  
 /0/6/ / public health and safety were not affected. This is reportable pursuant to /  
 /0/7/ / T.S. 6.9.1.9.b. /  
 /0/8/ /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /S/B/ (11)	/E/ (12)	/B/ (13)	/V/A/L/V/E/X/ (14)	/D/ (15)	/P/ (16)
LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
(17)	/8/1/	/-/	/0/3/3/	/ \ /	/0/3/
	/L/	/-/	/0/		

ACTION TAKEN	FUTURE ACTION	EFFECT PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
/A/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/A/ (25)	/V/0/8/5/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The quench spray pump was removed from service to repair a leaking drain valve /  
 /1/1/ / on the pump discharge line. The drain valve was repaired and the leakage /  
 /1/2/ / stopped by replacing the valve disc and then the Train B pump was returned to /  
 /1/3/ / service. /  
 /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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Virginia Electric and Power Company  
North Anna Power Station, Unit #2  
Docket No. 50-339  
Report No. LER 81-033/03L-0

Attachment: Page 1 of 1

#### Description of Event

On April 14, 1981, during steady state operation at 100% power, quench spray pump 2-QS-P-1B was removed from service for maintenance purposes rendering the Train B containment quench spray subsystem inoperable. This event is contrary to T.S. 3.6.2.1 and reportable pursuant to T.S. 6.9.1.9.b.

#### Probable Consequences of Occurrence

The quench spray subsystems in conjunction with recirculation spray subsystems are designed to provide necessary cooling and depressurization of the containment building following any loss of coolant accident. Two full-size, redundant quench spray subsystems are provided. Train B subsystem was restored to operable status well within the 72 hour time limitation allowed by T.S. 3.6.2.1. The Train A quench spray subsystem was operable during this period to depressurize the containment if required. The public health and safety were not affected.

#### Cause of Event

The Train B quench spray pump was removed from service to allow repair of a leaking drain valve on the pump discharge line.

#### Immediate Corrective Action

The leakage past the seat of the drain valve was corrected by replacing the valve disc. After the work on the valve was completed, the Train B quench spray pump was returned to service.

#### Scheduled Corrective Action

No scheduled corrective action is required.

#### Actions Taken to Prevent Recurrence

No further actions are required.

#### Generic Implications

There are no generic implications associated with this occurrence.