

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) North Anna Power Station, Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 3 9										PAGE (3) 1 OF 02																													
TITLE (4) Fire Detector Technically Inoperable																																																	
EVENT DATE (5)										LER NUMBER (6)										REPORT DATE (7)										OTHER FACILITIES INVOLVED (8)																			
MONTH			DAY			YEAR				YEAR			SEQUENTIAL NUMBER			REVISION NUMBER				MONTH			DAY			YEAR				FACILITY NAMES										DOCKET NUMBER(S)									
0 1			0 4			8 5				8 5			0 0 1			0 0				0 1			3 0 8			5														0 5 0 0 0									
OPERATING MODE (9)										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																																							
POWER LEVEL (10) 1 0 0										20.402(b)										20.408(e)										50.73(a)(2)(iv)										73.71(b)									
										20.408(a)(1)(i)										50.38(a)(1)										50.73(a)(2)(v)										73.71(e)									
										20.408(a)(1)(ii)										50.38(a)(2)										50.73(a)(2)(vi)										X OTHER (Specify in Abstract below and in Text, NRC Form 365A)									
										20.408(a)(1)(iii)										50.73(a)(2)(i)										50.73(a)(2)(viii)(A)										Special Report									
										20.408(a)(1)(iv)										50.73(a)(2)(ii)										50.73(a)(2)(viii)(B)																			
20.408(a)(1)(v)										50.73(a)(2)(iii)										50.73(a)(2)(ix)																													
LICENSEE CONTACT FOR THIS LER (12)																																																	
NAME E. Wayne Harrell																				TELEPHONE NUMBER 7 0 3 8 9 4 1 5 1 5 1																													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																	
CAUSE			SYSTEM			COMPONENT				MANUFACTURER			REPORTABLE TO NPDOS				CAUSE			SYSTEM			COMPONENT				MANUFACTURER			REPORTABLE TO NPDOS																			
SUPPLEMENTAL REPORT EXPECTED (14)																				EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR																			
YES (If yes, complete EXPECTED SUBMISSION DATE)																				X NO																													
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																																																	
ABSTRACT																																																	
<p>On January 4, 1985, it was determined following a QA Audit that the smoke detector located in the Unit 2 Emergency Switchgear Room Emergency Air Supply had been technically inoperable from October 1, 1984 to November 1, 1984. Inoperability was due to failure to signoff the applicable steps for this detector in a periodic test that was performed on October 1, 1984. The detector was satisfactorily tested, however, applicable steps in the procedure were not signed off.</p> <p>A fire watch had been previously established in the affected area and was maintained throughout the event.</p> <p>The detector was satisfactorily tested on November 1, 1984. This event, failure to restore the inoperable fire detection instrument to operable status within 14 days, is reportable as a Special Report pursuant to T.S. 3.3.3.7 and T.S. 6.9.2.h.</p>																																																	
8502080073 850130 PDR ADOCK 05000339 S PDR																																																	
I E 2 2 1 1 1																																																	

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0164

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
North Anna Power Station, Unit 2	0500033985	—	001	—	00	02	OF 02

TEXT (If more space is required, use additional NRC Form 368A's) (17)

On January 4, 1985, it was determined following a QA Audit that the smoke detector (EIIIS Component Identifier DET) located in the Unit 2 Emergency Switchgear Room Emergency Air Supply had been technically inoperable from October 1, 1984 to November 1, 1984. Inoperability was due to a failure to signoff the applicable steps for this detector in a periodic test that was performed on October 1, 1984, for smoke detectors located throughout the plant. During performance of this test, trouble indication was declared inoperable due to an improperly installed "Bell Shutoff" switch (EIIIS Component Identifier HS) in the control cabinet. The switch had been installed backwards, causing the on/off positions to be reversed. When the switch was "Off", local and remote alarms were received. These alarms cleared when the switch was placed in the "On" position, opposite of normally expected behavior. The detector was satisfactorily tested with the switch in the latter position, however, applicable steps in the procedure were not signed off.

It was determined that indication was available in the Control Room via the smoke detection system annunciator and the fire protection panel throughout the event. A fire watch had been previously established in the affected area and was maintained throughout the event, thereby satisfying the requirements of the applicable T.S.

The switch was properly reinstalled on November 1, 1984 and the detector was satisfactorily tested and returned to its fully operable status. This event, failure to restore the inoperable fire detection instrument to operable status within 14 days, is reportable as a Special Report pursuant to T.S. 3.3.3.7 and T.S. 6.9.2.h.



VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

P. O. BOX 402

MINERAL, VIRGINIA 23117

January 30, 1985

U. S. Nuclear Regulatory Commission
Document Control Desk
016 Phillips Building
Washington, D.C. 20555

Serial No. N-85-001
NO/PLB: 11
Docket No. 50-339

License No. NPF-7

Dear Sirs:

The Virginia Power Company hereby submits the following Special Report applicable to North Anna Unit No. 2.

Report No. IER 85-001

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be forwarded to Safety Evaluation and Control for their review.

Very Truly Yours

E. Wayne Harrell
Station Manager

Enclosures (3 copies)

cc: Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

IE22
11