

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) North Anna Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 3 9 1	PAGE (3) 1 OF 0 2
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TITLE (4)  
Inoperable Smoke Detection Equipment

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	9	16	8	4	00	7	0	01	0	3	08	4			0 5 0 0 0 0
															0 5 0 0 0 0

OPERATING MODE (9) \_\_\_\_\_

POWER LEVEL (10) 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.408(e)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.408(a)(1)(i)	<input type="checkbox"/> 50.38(a)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)
<input type="checkbox"/> 20.408(a)(1)(ii)	<input type="checkbox"/> 50.38(a)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 368A)
<input type="checkbox"/> 20.408(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.408(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.408(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME E. Wayne Harrell	TELEPHONE NUMBER AREA CODE: 7 0 3 8 9 4 - 5 1 5 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
X	IIC	IDET	F 0 8 1	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

ABSTRACT

On September 16, 1984, it was discovered that the smoke detector located in the Unit 2 Control Room Emergency Air Supply failed to operate as required by T.S. 3.3.3.7. Control Room operations personnel provided a continuous fire watch in accordance with the Action Statement of T.S. 3.3.3.7 during detector inoperability. The inoperable detector was replaced on October 26, 1984.

Since the smoke detector was not restored to operable status within 14 days, this event is reportable as a Special Report pursuant to T.S. 3.3.3.7 and T.S. 6.9.2.h.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  North Anna Unit 2	DOCKET NUMBER (2)  0 5 0 0 0 3 3 9	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	- 0 0 7	- 0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On September 16, 1984, while performing periodic testing on fire protection equipment, it was discovered that the smoke detector located in the Unit 2 Control Room Emergency Air Supply failed to operate when activated by introducing freon into the vicinity of the detector. The Smoke Detector (EIS Component Identifier DET) is manufactured by Fenwal Incorporated, Model No. 201000-001 with base 70-201000-101.

Since the affected zone was the Unit 2 Control Room, Control Room operations personnel constituted a continuous fire watch in accordance with the Action Statement of T.S. 3.3.3.7. The detector was restored to operable status October 26, 1984. Since the smoke detector was not returned to operable within 14 days due to unavailability of replacement parts, this event is reportable as a Special Report pursuant to T.S. 3.3.3.7 and T.S. 6.9.2.h.

# Vepco

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VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

P. O. BOX 402

MINERAL, VIRGINIA 23117

October 30, 1984

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

Serial No. N-84-023  
NO/PLB: nih  
Docket No. 50-339  
License No. NFF-7

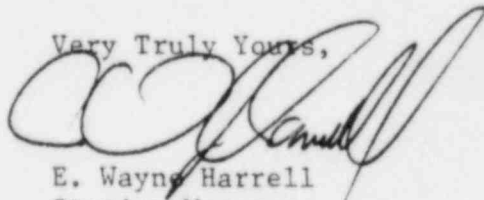
Dear Sirs:

The Virginia Electric and Power Company hereby submits the following License Event Report applicable to North Anna Unit 2.

Report No. LER 84-007

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

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