

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Surry Power Station, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 8 0	PAGE (3) 1 OF 0 3
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TITLE (4)
Failure To Comply With Technical Specification Due To Administrative Oversight

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 4	2 1	8 8	8 8	0 1 4	0 0	0 5	1 1	8 8			0 5 0 0 0

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)											
POWER LEVEL (10) 0 0 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.38(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.38(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)						
	<input type="checkbox"/> 20.405(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 D. L. Benson, Station Manager	TELEPHONE NUMBER
	AREA CODE: 8 0 4 NUMBER: 3 5 7 - 3 1 8 4

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
X	I	C	P	L					
			R	2					
				9					
				0					
				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)

On April 21, 1988 at 1700 hours, with Unit 1 in refueling shutdown, during the performance of a periodic test, the three containment smoke detectors {EIIS-IC} located in the air recirculation duct work were determined to be inoperable. Technical Specification 3.21.B.1 requires that a minimum of one of these detectors be operable or a fire patrol watch inspect the area hourly. A specific fire watch was not posted until 1615 hours on April 25, 1988.

The 'A' and 'B' smoke detectors failed due to a loose connection at their remote monitoring panel {EIIS-PL}. The cause of the failure of the 'C' smoke detector has not yet been determined. The failure to post a timely fire watch was due to an administrative oversight. The 'A' and 'B' smoke detectors were repaired and returned to service at 0015 hours on April 26, 1988. The 'C' smoke detector will be repaired prior to restart from the current refueling outage.

A shift order has been issued for all Licensed Operators to review the requirements of T. S. 3.21.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR 8 8	SEQUENTIAL NUMBER - 0 1 4	REVISION NUMBER - 0 0			
							0 2 OF 0 3

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

1.0 Description of the Event

On April 21, 1988 at 1700 hours, with Unit 1 in refueling shutdown, during the performance of a periodic test, the three containment smoke detectors {EIIS-IC} located in the air recirculation duct work were determined to be inoperable. Technical Specification 3.21.B.1 requires that a minimum of one of these detectors be operable or a fire patrol watch inspect the area hourly. A specific fire watch was not posted until 1615 hours on April 25, 1988.

2.0 Safety Consequences and Implications

The smoke detectors located in the containment air recirculation duct work are designed to detect a fire in containment. Throughout the event, the containment was occupied by numerous personnel including a Senior Reactor Operator functioning as the Containment Coordinator. All Station personnel are trained in proper methods for reporting a fire. Because the containment was continually occupied by trained personnel during the event, it is reasonable to assume that any fire in containment would have been promptly detected and reported. Therefore, the health and safety of the public were not affected.

3.0 Cause

The 'A' and 'B' smoke detectors failed due to a loose connection at their remote monitoring panel {EIIS-PL}. The cause of the failure of the 'C' smoke detector has not yet been determined. The failure to post a timely fire watch was due to an administrative oversight.

4.0 Immediate Corrective Action(s)

At 1615 hours on April 25, 1988, a fire watch was assigned to the Unit 1 containment.

5.0 Additional Corrective Action(s)

The 'A' and 'B' smoke detectors were repaired and returned to service at 0015 hours on April 26, 1988. The 'C' smoke detector will be repaired prior to restart from the current refueling outage.

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		8 8	- 0 1 4	- 0 0	0 3	OF	0 3

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

6.0 Action(s) Taken to Prevent Recurrence

A shift order has been issued for all Licensed Operators to review the requirements of T. S. 3.21.

7.0 Similar Events

None.

8.0 Manufacturer/Model Number

Remote Monitoring Panel: Robertshaw Integrated Systems Division/FMS-1000.

VIRGINIA ELECTRIC AND POWER COMPANY
Surry Power Station
P. O. Box 315
Surry, Virginia 23883

May 11, 1988

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

Serial No.: 88-018
Docket No.: 50-280
Licensee No.: DPR-32

Gentlemen:

Pursuant to Surry Power Station Technical Specifications, Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit 1.

REPORT NUMBER

88-014-00

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be reviewed by Safety Evaluation and Control.

Very truly yours,

David L. Benson

David L. Benson
Station Manager

Enclosure

cc: Dr. J. Nelson Grace
Regional Administrator
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30323

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