

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 03
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TITLE (4) T. S. REQUIRED FIRE WATCH PATROL NOT MAINTAINED WHILE CONTAINMENT SMOKE DETECTORS WERE 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)
03	30	89	89	011	00	04	27	89			050000

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	20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)
	20.405(a)(1)(i)		50.38(c)(1)		50.73(a)(2)(v)		73.71(c)
	20.405(a)(1)(ii)		50.38(c)(2)		50.73(a)(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)	X	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)		
	20.405(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)		
20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)			

LICENSEE CONTACT FOR THIS LER (12)

NAME M. R. Kansler, Station Manager	TELEPHONE NUMBER
	AREA CODE: 8104 31571-31184

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

CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS

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 March 30, 1989 at 2040 hours, with Unit 1 in cold shutdown, it was discovered that an hourly fire watch patrol required in containment was not present. The fire watch was established at 0901 hours on March 30, 1989 when the containment air recirculation fans were secured. With these fans secured, the smoke detectors (EIS-IC) in the air recirculation duct are considered inoperable. Technical Specification (T.S.) 3.21.B.1 requires that an hourly fire watch patrol be established within one hour to inspect the zones with inoperable fire detection instruments. However, the individual assigned as the fire watch exited containment at 0958 hours. The failure to maintain a fire watch patrol in the Unit 1 containment was due to poor communication between the personnel giving and receiving instructions for the fire watch. At 2040 hours on March 30, 1989, a containment air recirculation fan was started, making the smoke detectors in the air recirculation duct operable. The personnel involved were reinstructed in the importance of giving, receiving and acknowledging instructions. Administrative procedures will be enhanced to provide additional guidance regarding assignment of fire watch patrols.

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PDR ADDCK 05000280
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) SURRY POWER STATION, UNIT 1	DOCKET NUMBER (2) 05000280	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		89	011	0	002	OF	03

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

1.0 Description of the Event

On March 30, 1989 at 2040 hours, with Unit 1 in cold shutdown, it was discovered that an hourly fire watch patrol required in containment (EIIS-NH) was not present. The fire watch was established at 0901 hours on March 30, 1989 when the containment air recirculation fans (EIIS-BK) were secured. With these fans secured, the smoke detectors (EIIS-IC) in the air recirculation duct are considered inoperable. Technical Specification 3.21.B.1 requires that an hourly fire watch patrol be established within one hour to inspect the zones with inoperable fire detection instruments. However, the individual assigned as the fire watch exited containment at 0958 hours. A containment air recirculation fan was started at 2040 hours on March 30, 1989 following the discovery that a fire watch was not present.

2.0 Safety Consequences and Implications

The smoke detectors are located in the containment air recirculation fans discharge and are designed to detect a fire in containment. At least one air recirculation fan must be operating for these smoke detectors to be considered operable. During the time the air recirculation fans were off, except for one six minute interval, two or more personnel were in containment. These personnel have been trained in General Employee Training on the actions to take upon discovery of a fire. In addition, fire watches were present at any cutting, welding or grinding activities being performed inside containment in accordance with station procedures. Therefore, there is a high probability that any fire inside containment during this time would have been detected, reported and extinguished. Consequently, the health and safety of the public were not affected.

3.0 Cause

The failure to maintain a fire watch patrol in the Unit 1 containment was due to poor communication between the personnel giving and receiving instructions for the fire watch.

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TEXT (If more space is required, use additional NRC Form 386A's) (17)

The individual assigned as the fire watch was briefed on her duties and responsibilities by a licensed operator. However, the individual misunderstood the instructions and believed the fire watch was being established for planned welding activities in containment and not because the smoke detectors were inoperable. The individual entered containment at the time instructed; however, she left containment when the welding crew she was expecting did not arrive.

4.0 Immediate Corrective Action(s)

At 2040 hours on March 30, 1989, a containment air recirculation fan was started, thus returning the smoke detectors in the air recirculation duct to operable status.

5.0 Additional Corrective Action(s)

The personnel involved were reinstructed in the importance of receiving, giving, and acknowledging instructions.

6.0 Action(s) Taken to Prevent Recurrence

Administrative procedures will be enhanced to provide controls for giving specific direction on the necessary actions required to establish, perform and terminate a fire watch patrol required by Technical Specifications.

7.0 Similar Events

LER 88-014, Unit 1.

8.0 Manufacturer/Model Number(s)

N/A

VIRGINIA ELECTRIC AND POWER COMPANY
Surry Power Station
P. O. Box 316
Surry, Virginia 23883

April 27, 1989

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

Serial No.: 89-011
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License No.: DRP-32

Gentlemen:

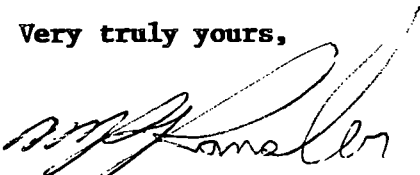
Pursuant to Surry Power Station Technical Specifications, Virginia Electric and Power Company hereby submits the following Licensee Event Report for Unit 1.

REPORT NUMBER

89-011-00

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,



M. R. Kansler
Station Manager

Enclosure

cc: Regional Administrator
Suite 2900
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Atlanta, Georgia 30323

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