

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
SURREY POWER STATION, UNIT 1	0 5 0 0 0 2 8 0	1 OF 0 2

TITLE (4)

EMERGENCY FANS OUT OF SERVICE

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	05	84	84	019	00	100	284						05000				

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		N	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)					
			20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)					
			20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
			20.405(a)(1)(iii)	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							TELEPHONE NUMBER		
R. F. SAUNDERS, STATION MANAGER							AREA CODE		
							8 0 4	3 5 7	- 3 1

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)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO				

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

The Control Room Area Emergency Ventilation system was technically inoperable due to a post maintenance testing oversight. A flow test was performed on both units Relay Room Emergency Ventilation fans after a scheduled filter replacement. Technical Specification 4.20.A requires a flow, DOP particulate, and an iodine removal efficiency test following maintenance.

The procedures used to return this system to service did not reference all testing requirements in the Technical Specification. The procedures are being modified.

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NRC Form 365A
(9-83)

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
SURRY POWER STATION, UNIT 1	0 5 0 0 0 2 8 0 8 4	—	0 1 9	—	0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

1. Description of the Event

At 0315 hours on 9-5-84, fans 1-VS-F-42 and 2-VS-F-42 (Emergency Switchgear Room Emergency Supply Fans) were returned to service following scheduled filter replacement. At 0420 hours on 9-5-84, fans 1-VS-F-41 and 2-VS-F-41 (Control Room Emergency Supply Fans) were removed from service for scheduled filter replacement.

At 0752 hours on 9-5-84, with both units at full power, the Health Physics/Operations Coordinator discovered that fans 1-VS-F-42 and 2-VS-F-42 were returned to service using a flow test. Technical Specification 4.20.A requires a flow test, a DOP particulate, and an iodine removal efficiency test following maintenance. All the Control Room Area Emergency Ventilation systems were technically inoperable because all these tests were not performed.

2. Probable Consequences

The Control Room and Emergency Switchgear Room Ventilation fans are designed to maintain these areas at a positive pressure after the bottled air is exhausted during a LOCA.

The 42 fans subsequently satisfied all the testing requirements in Technical Specification.

The UFSAR does not analyze loss of all Control Room Area Emergency Ventilation, however, the 42 fans were technically inoperable for only 3 hours fifteen minutes and no LOCA occurred, therefore, the health and safety of the public were not affected.

3. Cause

The procedures to return the Control Room Area Emergency ventilation system to operation following maintenance did not reference all applicable Technical Specification testing requirements.

4. Immediate Corrective Action

The 41 fans were returned to operable status.

5. Additional Corrective Action

The 42 fans were satisfactorily tested per the Technical Specifications.

6. Action Taken to Prevent Recurrence

The procedures used to test the emergency and auxiliary ventilation fans and filters following maintenance will be modified to reflect all Technical Specification testing requirements.

7. Generic Implications

None

Vepco

OCT 2 1984

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

Serial No: 84-034

Docket No: 50-280

License No: DPR-32

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

Gentlemen:

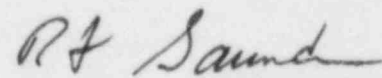
Pursuant to Surry Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit 1.

REPORT NUMBER

84-019-00

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,



R. F. Saunders
Station Manager

Enclosure

cc: Mr. James P. O'Reilly
Regional Administrator
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30323

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