

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>SURRY POWER STATION, UNIT 1</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 2 8 0</b>	PAGE (3) <b>1 OF 0 2</b>
---	---	-----------------------------

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	0 5	8 4	8 4	0 1	9 0	1 0	0 2	8 4			0 5 0 0 0
											0 5 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8. (Check one or more of the following) (11)

OPERATING MODE (9) <b>N</b>	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) <b>1 0 0</b>	20.405(a)(1)(i)	50.36(c)(1)	<input checked="" type="checkbox"/> 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)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME <b>R. F. SAUNDERS, STATION MANAGER</b>	TELEPHONE NUMBER AREA CODE: <b>8 0 4</b> NUMBER: <b>3 5 7 - 3 1 8 4</b>
--	--

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

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)

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.

8410120275 841002  
PDR ADOCK 05000280  
S PDR

IE 22  
1/1

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  <b>SURRY POWER STATION, UNIT 1</b>	DOCKET NUMBER (2)  0 5 0 0 0 2 8 0 8 4	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		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

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

OCT 2 1984

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:

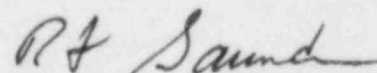
Pursuant to Surry Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit 1.

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

IE22  
/1