

NRC Form 366  
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

## 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 1</b>	PAGE (3) <b>1 OF 3</b>
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TITLE (4)

## Individual Rod Position Indicators Inoperable Due to Dirty Contacts in a DC Power Supply

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	7	1	8	7	0	0	1	5	0	0	0
0	7	1	8	7	0	0	8	1	0	5	0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)											
OPERATING MODE (9)		N		20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)	
POWER LEVEL (10)		1 0 0		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)		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		TELEPHONE NUMBER	
D. L. Benson, Station Manager		8 0 4 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 NPD	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD

## SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)		X NO		EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR

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

On July 17, 1987 at 1440 hours with Unit 1 at 100% power, the Unit 1 Individual Rod Position Indicators (IRPI) {EIIS-ZI} for shutdown banks A and B and control banks A, B, and C indicated 28 steps below the control rod group demand counter position {EIIS-CTR}. Control Bank D indicated 26 steps below its control rod group demand counter position. The IRPIs were declared inoperable in accordance with Technical Specifications 3.12.E. The IRPIs were returned to service at 1524 hours.

Instrument Technicians determined that the DC power supply contacts to the Rod Position Indication Cabinet were dirty. The contacts for the DC power supply were cleaned, and the IRPI indication returned to the proper position.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		0 1	5 -	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 July 17, 1987 at 1440 hours with Unit 1 at 100% power, the Unit 1 Individual Rod Position Indicators (IRPI) {EIIS-ZI} for shutdown banks A and B and control banks A, B, and C indicated 28 steps below the control rod group demand counter position {EIIS-CTR}. Control Bank D indicated 26 steps below its control rod group demand counter position.

The IRPIs were declared inoperable in accordance with Technical Specifications 3.12.E. The IRPIs were returned to service at 1524 hours.

2.0 Safety Consequences and Implications

IRPI provides control rod position indication in the Main Control Room. The Control Rod Demand Counters which indicate control rod position as demanded by the Rod Control System, remained operable during the time that IRPIs were not operable.

Inoperable IRPIs will not affect the operation of the Control Rod Assemblies {EIIS-ROD} and all rods were capable of being dropped if required. Therefore, this event did not constitute an unreviewed safety question and the health and safety of the public were not affected.

3.0 Cause

Instrument Technicians determined that the DC power supply contacts to the Rod Position Indication Cabinet were dirty.

4.0 Immediate Corrective Actions

The contacts for the DC power supply were cleaned, and the IRPI indication returned to the proper position.

5.0 Additional Corrective Actions

None.

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(9-83)

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

6.0 Actions Taken to Prevent Recurrence

None.

7.0 Similar Events

None.

8.0 Manufacturer/Model Number

Westinghouse/Type E2786.

VIRGINIA ELECTRIC AND POWER COMPANY

Surry Power Station  
P. O. Box 315  
Surry, Virginia 23883

August 17, 1987

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

Serial No.: 87-017  
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

87-015-00

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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