

NRC Form 288
(8-83)U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SURRY POWER STATION - Unit No. 2										DOCKET NUMBER (2) 0 5 0 0 0 2 1 1				PAGE (3) 1 OF 0 2					
TITLE (4) Reactor Trip (Personnel Error)																			
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	20	8	4	8	4	0	1	2	0	0	0	5	0	0	0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																	
N		20.402(b)				20.405(c)				60.73(a)(2)(iv)				73.71(b)					
POWER LEVEL (10)		20.405(a)(1)(i)				60.36(c)(1)				60.73(a)(2)(v)				73.71(c)					
0		20.405(a)(1)(ii)				60.36(c)(2)				60.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 360A)					
0		20.405(a)(1)(iii)				60.73(a)(2)(i)				60.73(a)(2)(viii)(A)									
		20.405(a)(1)(iv)				60.73(a)(2)(ii)				60.73(a)(2)(viii)(B)									
		20.405(a)(1)(v)				60.73(a)(2)(iii)				60.73(a)(2)(ix)									
LICENSEE CONTACT FOR THIS LER (12)																			
NAME J. L. Wilson, Station Manager										TELEPHONE NUMBER									
										AREA CODE									
										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	MANUFAC TURE	REPORTABLE TO NPD	CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NPD	CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NPD	CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NPD
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)									
YES (If yes, complete EXPECTED SUBMISSION DATE)										NO									

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

On April 20, 1984 at 0216 hours, with the unit at hot shutdown, a reactor trip occurred due to a high flux on source range NI-32. The reason for the trip was personnel error by an Instrument Technician while he was troubleshooting NI-32 which had a failed pre amp. The Instrument Technician was deciplined. A replacement pre amp is on order and will be installed when it arrives.

8405170098 840510
PDR ADDCK 05000281
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) SURREY POWER STATION, Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 2 8 1 8 4 - 0 1 2 - 0 0 0 2 OF 0 2	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (if more space is required, use additional NRC Form 388A's) (17)

1. Description of the Event

On 4-20-84 at 0216 hours with the unit stable at hot shutdown, a reactor trip occurred due to a high flux on source range NI-32 (EIIIS No. RI). Instrument technicians were troubleshooting NI-32 prior to the event.

During this event, no component failures were experienced and all protective and safety systems performed as expected. Because of the condition of the plant, no transients were experienced except for tripping of the shutdown banks and opening of the reactor trip breakers with the associated alarms.

2. Safety Consequences and Implications

Because the unit was already shutdown, there were no safety consequences of this event. A similar trip from full power is not possible because the source range channels are de-energized at power. For these reasons, an unreviewed safety question was not created.

3. Cause

The cause of this event was personnel error. The source range detector, NI-32, had failed a short period before the event. The instrument technicians troubleshooting NI-32 did not place the level trip switch in bypass as required by the instrument maintenance procedure, IMP-C-NI-19, he was using.

4. Immediate Corrective Action

The Operators performed the appropriate emergency and function restoration procedures to ensure plant conditions were stable. The Shift Technical Advisor performed a review of the critical function status trees and completed the post trip review procedure to ensure specific parameters remained within safe bounds.

5. Additional Corrective Action

It was determined that NI-32 had a failed pre amp. A replacement pre amp is on order and will be installed when it arrives.

6. Action Taken to Prevent Recurrence

A written reprimand was given to the individual involved, also, the importance of following procedures when dealing with safety related equipment was reemphasized.

7. Generic Implications

This is not considered a generic event.

Vepco

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

MAY 10 1984

Serial No: 84-019
Docket No: 50-281
License No: DPR-37

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 2.

REPORT NUMBER

84-012-00

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

RF Saunders

65 J. L. Wilson
Station Manager

Enclosure .

cc: Mr. James P. O'Reilly
Regional Administrator
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30303

IE22
11