

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Brunswick Steam Electric Plant Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 5					PAGE (3) 1 OF 0 2											
TITLE (4) Inadvertent Primary Containment Groups 3 and 6 Isolations																										
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	2	0	8	5	8	5	0	1	8	0	0	0	5	2	0	8	5	0	5	0	0	0	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)																								
5		20.402(b)				20.406(e)				<input checked="" type="checkbox"/> 60.73(a)(2)(iv)				73.71(b)												
POWER LEVEL (10)		0 0 0				20.406(a)(1)(i)				60.36(a)(1)				60.73(a)(2)(v)			73.71(e)									
		20.406(a)(1)(ii)				60.36(a)(2)				60.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)												
		20.406(a)(1)(iii)				60.73(a)(2)(ii)				60.73(a)(2)(viii)(A)																
		20.406(a)(1)(iv)				60.73(a)(2)(iii)				60.73(a)(2)(viii)(B)																
		20.406(a)(1)(v)				60.73(a)(2)(iii)				60.73(a)(2)(x)																
LICENSEE CONTACT FOR THIS LER (12)																										
NAME M. J. Pastva, Jr., Regulatory Technician										TELEPHONE NUMBER																
										AREA CODE		9 1 9 4 5 7 1 - 2 3 1 5														
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPPDS																
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)

On 4-20-85, at approximately 0330, a Unit 1 primary containment Group 6 isolation of the Containment Atmosphere Control System occurred and would not reset. On 4-26-85, at 0047, a Unit 1 primary containment Group 3 isolation of the Reactor Water Cleanup (RWCU) System inboard primary containment isolation valve occurred. Both events occurred during a Unit 1 refuel/maintenance outage.

The 4-20-85 event resulted from two open power supply circuit breakers to the Group 6 isolation logic. An investigation was inconclusive in determining the cause of the open circuit breakers. The breakers were closed and the isolation signal was reset. As a result of this event, appropriate personnel will be made aware of power supply panel circuit breaker alignments relative to plant modification work.

The 4-26-85 event resulted from a blown electrical fuse in the RWCU differential flow sensing logic caused by accidental shorting of electrical terminals in a power supply panel during plant modification work. The blown fuse was replaced. The involved craftsman was appropriately disciplined.

8506040117 850520  
PDR ADOCK 05000325  
S PDR

IG22  
11

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Brunswick Steam Electric Plant Unit 1	05000325	85	018	00	02	OF	02

TEXT (If more space is required, use additional NRC Form 368A's) (17)

On April 20, 1985, at approximately 0330, the Unit 1 Control Operator discovered that a primary containment Group 6 isolation of the Unit 1 Containment Atmosphere Control (CAC) System had occurred and would not reset. On April 26, 1985, at 0047, a primary containment Group 3 "A" subsystem logic isolation of the Reactor Water Cleanup (RWCU) System inboard primary containment isolation valve occurred. During both events Unit 1 was in a refueling/maintenance outage.

An investigation of the first event revealed two power supply circuit breakers to the isolation logic of the CAC System were in the open position. The breakers were closed, and the isolation signal was reset. The circuit breakers are located in a Control Room power supply back panel. Modification work necessitating removal and reinstallation of the panel's inner panel was being performed on April 20, 1985, from approximately 0100 to 0300.

Interviews with involved personnel were inconclusive in determining the cause of the opened circuit breakers. As a result of this event, personnel performing similar plant modification work will ensure appropriate personnel are cognizant of such work as well as the "as found" and "as left" positions of the circuit breakers within the involved power supply panels.

An investigation of the second event revealed the isolation resulted from a blown fuse in the power supply to the RWCU differential flow sensing circuitry. This occurred when terminal connections in a Control Room power supply back panel were inadvertently shorted during plant modification work in the panel. A construction contractor craftsman accidentally shorted the terminals with a screwdriver. The blown fuse was replaced. The involved craftsman was appropriately disciplined.



Carolina Power & Light Company

Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461-0429  
May 20, 1985

FILE: B09-13510C  
SERIAL: BSEP/85-0928

NRC Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1  
DOCKET NO. 50-325  
LICENSE NO. DPR-71  
LICENSEE EVENT REPORT 1-85-018

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, the enclosed Licensee Event Report is submitted. This report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-1022, September 1983.

Very truly yours,

C. R. Dietz, General Manager  
Brunswick Steam Electric Plant

MJP/mcg

Enclosure

cc: Dr. J. N. Grace

1E22  
11