

## 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 1				
TITLE (4) Automatic Initiation of Control Building Emergency Air Filtration System Train 2B																			
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	2	8	5	8	5	0	3	8	0	0	8	0	2	8	5	Brunswick Unit 2	0 5 0 0 0 3 2 4
OPERATING MODE (9) 5			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																
POWER LEVEL (10) 0 0 0		20.402(b)				20.405(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)					
		20.405(a)(1)(i)				50.36(c)(1)				<input type="checkbox"/> 50.73(a)(2)(v)				73.71(e)					
		20.405(a)(1)(ii)				50.36(c)(2)				<input type="checkbox"/> 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)				<input type="checkbox"/> 50.73(a)(2)(viii)(A)									
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				<input type="checkbox"/> 50.73(a)(2)(viii)(B)									
		20.405(a)(1)(v)				50.73(a)(2)(iii)				<input type="checkbox"/> 50.73(a)(2)(ix)									
LICENSEE CONTACT FOR THIS LER (12)																			
NAME M. J. Pastva, Jr., Regulatory Technician										TELEPHONE NUMBER 9 1 9 4 5 7 - 2 3 1 5									
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																			
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS									
X	I	C	D E T	P 4 3 5	No														
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 7-12-85, at 2315, train 2B of the Units 1 and 2 common Control Building Emergency Air Filtration (CBEAF) System automatically initiated due to a Control Building fire alarm. Unit 1 was in a refuel/maintenance outage while Unit 2 was operating at 90%. A verification was made that an actual fire condition did not exist. Control Operators of both units became aware of this event through appropriate Control Room alarm annunciation.

The event resulted from a defective fire detector in the Control Building 70' elevation equipment room. The detector failed such that a continuous fire alarm was sealed in. The detector, Pyrotronics Model No. F-3/5A, was replaced, the fire alarm was reset, and CBEAF train 2B was returned to service. The cause of the subject fire detector failure was not determined. Actuation of a CBEAF train places the train into its design mode of operation.

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Carolina Power & Light Company

Brunswick Steam Electric Plant  
P. O. Box 10429  
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August 2, 1985

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BRUNSWICK STEAM ELECTRIC PLANT UNIT 1  
DOCKET NO. 50-325  
LICENSE NO. DPR-71  
LICENSEE EVENT REPORT 1-85-038

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/jo

Enclosure

cc: Dr. J. N. Grace

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