

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
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TITLE (4) Automatic Initiation of Control Building Emergency Air Filtration System Train 2A

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)										
1	2	2	6	8	4	8	4	8	0	1	8	0	0	0	1	2	2	8	5	Brunswick Unit 2	0 5 0 0 0 3 2 4
																					0 5 0 0 0

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 9 2	20.402(b)	20.406(c)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)					
	20.405(a)(1)(i)	50.36(e)(1)	<input type="checkbox"/>	50.73(a)(2)(v)	73.71(c)					
	20.405(a)(1)(ii)	50.36(e)(2)	<input type="checkbox"/>	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 358A)					
	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)(x)							

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
AREA CODE	

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)	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 December 26, 1984, at 2205, train 2A of the Units 1 and 2 common Control Building Emergency Air Filtration (CBEAF) System automatically initiated. At the time the redundant CBEAF System train 2B was in standby. In addition, both units were operating at respective power levels of 92 percent and 100 percent. Following a determination that an actual fire condition did not exist CBEAF train 2A was returned to standby. The Control Operators of both units became aware of this event through appropriate Control Room alarm annunciations and indications.

The subject CBEAF System initiation resulted from the spurious actuation due to tobacco smoke of a fire detector in the Shift Operating Supervisor's office of the units' common Control Room area. An inspection of the detector revealed it was in a state of increased sensitivity due to an accumulation of dirt and particulates within the detector chamber. The detector was cleaned and returned to service.

To help reduce the number of spurious CBEAF System initiations, fire detectors throughout the units common Control Building, which are susceptible to spurious actuations, are being cleaned. In addition, plant Engineering is evaluating reducing the number of Control Building fire detectors that would automatically initiate the CBEAF System.

The initiation of a CBEAF System train places the affected train into its most conservative mode of operation.

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# CP&L

Carolina Power & Light Company

Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461-0429  
January 22, 1985

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SERIAL: BSEP/85-0073

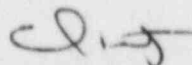
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Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1  
DOCKET NO. 50-325  
LICENSE NO. DPR-71  
LICENSEE EVENT REPORT 1-84-18

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/vt/LETDR1

Enclosure

cc: Mr. J. P. O'Reilly

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