

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 Initiations of Control Building Emergency Air Filtration System Trains 2A and 2B.

EVENT DATE (5)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)			
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES			DOCKET NUMBER(S)
0	1	15	8	5	0	0	2	14	Brunswick Unit 2			0 5 0 0 0 3 2 4
0	1	15	8	5	0	0	2	14				0 5 0 0 0 3 2 4

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 8 5	20.402(b)	20.406(c)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)					
	20.406(a)(1)(i)	50.38(e)(1)		50.73(a)(2)(v)	73.71(c)					
	20.406(a)(1)(ii)	50.38(e)(2)		50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)					
	20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)						
	20.406(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)						
20.406(a)(1)(v)	50.73(a)(2)(iii)		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		

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 January 15, 16, and 22, 1985, automatic initiations of the Units 1 and 2 common Control Building Emergency Air Filtration (CBEAF) System trains 2A and 2B occurred with a cumulative total of five initiations. Two initiations resulted from increased sensitivity of a Control Room area fire detector due to accumulation of dirt and particulate in the detector chamber. Two initiations resulted from spray painting fumes in the Control Room area. One initiation resulted from actuation of a fire detector in the Unit 2 battery room due to overheated strip elements in a temporary heater for the room. The Control Operators of both units became aware of these events through appropriate Control Room alarm annunciations and indications. At the time of each initiation, the corresponding redundant train was in standby. Both units were at power operation. Following the paint fume initiations, the affected CBEAF System train was utilized to remove the paint fumes. The charcoal was replaced and the train was returned to standby. Charcoal samples of the train were removed and are being analyzed to determine the impact of the paint fumes. After each of the other initiations, the affected trains were returned to standby following verification that fire conditions did not exist.

The subject fire detector was cleaned and returned to service. Control Building fire detectors, susceptible to spurious actuations, are being cleaned. Plant guidelines are in place regarding spray painting in the Control Room to help prevent inadvertent CBEAF System actuations. Initiation of a CBEAF System train places the train into its most conservative mode of operation.



Carolina Power & Light Company

Brunswick Steam Electric Plant
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February 14, 1985

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Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1
DOCKET NO. 50-325
LICENSE NO. DPR-71
LICENSEE EVENT REPORT 1-85-007

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: Dr. J. N. Grace

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