

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Brunswick Steam Electric Plant Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 1 5 1										PAGE (3) 1 OF 0 1					
TITLE (4) Automatic Acutations 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)										
									Brunswick Unit 2						0 5 0 0 0 3 2 1 4										
1 1	0	6	8	4	8	4	-	0	3	1	-	0	0	1	2	0	4	8	4	0 5 0 0 0 1 1					
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																							
1		20.402(b)						20.405(c)						<input checked="" type="checkbox"/> 50.73(a)(2)(iv)						73.71(b)					
POWER LEVEL (10)		20.405(a)(1)(i)						50.38(c)(1)						50.73(a)(2)(v)						73.71(c)					
0 1 2 1 4		20.405(a)(1)(ii)						50.38(c)(2)						50.73(a)(2)(vi)						OTHER (Specify in Abstract below and in Text, NRC Form 308A)					
		20.405(a)(1)(iii)						50.73(a)(2)(i)						50.73(a)(2)(viii)(A)											
		20.405(a)(1)(iv)						50.73(a)(2)(ii)						50.73(a)(2)(viii)(B)											
		20.405(a)(1)(v)						50.73(a)(2)(iii)						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 - 9 5 2 1															
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																									
CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTABLE TO NPROS		CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTABLE TO NPROS															
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 November 6, 7, 9, and 13, 1984, automatic initiations of the Units 1 and 2 common Control Building Emergency Air Filtration (CBEAF) System Train A occurred with a cumulative total of nine initiations. Five of the initiations resulted from spurious fire alarms in the units' common Control Building. Two of these initiations resulted from respective actuations of fire detectors in the Unit 2 DC electrical 2A and 2B battery rooms during planned testing of heaters in the rooms' ventilation inlet air supply ducts. Two of these initiations resulted from respective actuations of fire detectors in the units' common Control Room area due to cigarette smoke. In each case, CBEAF System Train 2A was returned to standby following verification that a fire condition did not exist. In each case, the redundant CBEAF System Train B was in standby. At the time of these events, Unit 1 was in cold shutdown and Unit 2 was in reactor startup at 0% power during one of these events and at power operation for the remaining eight events. In order to help reduce the number of CBEAF System initiations, plant Engineering is evaluating reducing the number of Control Building fire detectors that would automatically initiate the CBEAF System. Additionally, a procedure has been developed for cleaning the fire detectors, which are susceptible to causing spurious initiations of 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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Carolina Power & Light Company

Brunswick Steam Electric Plant
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December 4, 1984

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BRUNSWICK STEAM ELECTRIC PLANT UNIT 1
DOCKET NO. 50-325
LICENSE NO. DPR-71
LICENSEE EVENT REPORT 1-84-31

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, the enclosed Licensee Event Report is submitted. This report fulfills the requirements 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/smp/LETPS1

Enclosure

cc: Mr. R. C. DeYoung
Mr. J. P. O'Reilly

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