

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Brunswick Steam Electric Plant Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 5 1					PAGE (3) 1 OF 0 1				
TITLE (4) Manually Initiated Isolations of the Units 1 and 2 Common Control Building Heating Ventilating Air Conditioning System Due to Chlorination System High Chlorine Alarms																			
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	3	0	7	8	5	8	5	0	1	3	0	0	3	2	9	8	5	Brunswick Unit 2	0 5 0 0 0 3 2 4
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																
POWER LEVEL (10)			20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)				
0 6 1 0			20.406(a)(1)(i)				50.36(a)(1)				50.73(a)(2)(v)				73.71(c)				
			20.406(a)(1)(ii)				50.36(a)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)				
			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)(ix)								
LICENSEE CONTACT FOR THIS LER (12)																			
NAME M. J. Pastva, Jr., Regulatory Technician																			
TELEPHONE NUMBER AREA CODE 9 1 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 NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC									
SUPPLEMENTAL REPORT EXPECTED (14)																			
YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO <input type="checkbox"/>																			
EXPECTED SUBMISSION DATE (15)																			
MONTH DAY YEAR																			

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On 3-7-85, at 1455, and 3-22-85, at 0557, the Units 1 and 2 common Control Building Heating Ventilating Air Conditioning (CB HVAC) System was manually isolated due to the receipt of high chlorine alarms at the Chlorination System storage location. These isolations were carried out in accordance with plant standing instructions, which were implemented due to a discovered design deficiency involving the chlorine isolation function of the CB HVAC System identified in LER 1-84-33. On 3-7-85, the units were operating at power levels of 60 percent (Unit 1) and 100 percent (Unit 2). On 3-22-85, the units were operating at 60 percent (Unit 1) and 65 percent (Unit 2).

The event on 3-7-85 occurred shortly after the isolation valve to the Chlorination System chlorine tank car was opened while canceling an equipment clearance. The cause of the event on 3-22-85 could not be determined. In each case, an Auxiliary Operator dispatched to the area found no evidence of a chlorine leak.

Within approximately 40 minutes of the first event and 23 minutes of the second event, the CB HVAC System was returned to normal service.

Isolation of the CB HVAC System, whether automatically or manually initiated, places the system into its most conservative condition.

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Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
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March 29, 1985

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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 1-85-013

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/jfm/LETJA

Enclosure

cc: Dr. J. N. Grace

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