

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) OF 0 1									
TITLE (4) Automatic Initiations and Manually Initiated Isolations of the Units 1 and 2 Common Control Building Heating Ventilating Air Conditioning System																													
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 Brunswick Unit 2						DOCKET NUMBER(S) 0 5 0 0 0 3 2 4					
0 4		0 3		8 5		8 5		0 1		5 0		0 0		5 0		2 8 5								0 5 0 0 0					
OPERATING MODE (9) 4				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)						20.406(c)						<input checked="" type="checkbox"/> 50.73(a)(2)(iv)						73.71(b)							
				20.406(a)(1)(i)						50.38(c)(1)						50.73(a)(2)(v)						73.71(c)							
				20.406(a)(1)(ii)						50.38(c)(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 9 1 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											
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)																													
<p>On April 3, 5, 9, 10, 11, 17, and 30, 1985, six automatic initiations and three manual isolations of the Units 1 and 2 common Control Building Heating Ventilating Air Conditioning (CB HVAC) System occurred. In each case, normal system lineup was reestablished after verification that alarm conditions did not exist. CB HVAC initiations start the units' selected Control Building emergency air filtration (CBEAF) common train, 2A or 2B, with the other train in standby. CB HVAC manual isolations are carried out per plant standing instructions due to a chlorine isolation design deficiency as identified in LER 1-84-33. On April 3 and 5, 1985, the units were in cold shutdown. On April 9, 10, 11, 17, and 30, 1985, Unit 1 was in cold shutdown and Unit 2 was at power operation.</p> <p>The CBEAF starts resulted from spurious Unit 2 cable spread room fire alarms. A leaking ventilation duct union caused air turbulence to spuriously actuate a room fire detector. The leak will be appropriately repaired.</p> <p>The CB HVAC isolations were performed in response to Chlorination Building chlorine alarms. In each case, appropriate chlorine leak hunts found no evidence of chlorine leaks.</p> <p>CB HVAC automatic starts and isolations place the system into its most conservative condition.</p>																													
8505100499 850502 PDR ADOCK 05000325 S PDR																													



Carolina Power & Light Company

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

May 2, 1985

FILE: B09-13510C
SERIAL: BSEP/85-0819

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 1-85-015

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/dj

Enclosure

cc: Dr. J. N. Grace

IE22
11