

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) High Pressure Coolant Injection System Turbine Speed Oscillations																																									
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 2			1 9			8 4			8 4			0 0			3 0			1 0			9 1			9 8			4									0 5 0 0 0					
0 2			1 9			8 4			8 4			0 0			3 0			1 0			9 1			9 8			4									0 5 0 0 0					
OPERATING MODE (9) 1						THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																																			
POWER LEVEL (10) 1 0 0						20.402(b)						20.406(c)						50.73(a)(2)(iv)						73.71(b)																	
						20.406(a)(1)(i)						50.38(e)(1)						X 50.73(a)(2)(v)						73.71(e)																	
						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(e)(7)(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(c)(2)(iii)						50.73(a)(2)(i)																													
20.406(c)(1)(vi)																																									
LICENSEE CONTACT FOR THIS LER (12)																																									
NAME M. J. Pastva, Jr., Regulatory Technician																TELEPHONE NUMBER AREA CODE 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		MANUFACTURER		REPORTABLE TO NPDs		CAUSE		SYSTEM		COMPONENT		MANUFACTURER		REPORTABLE TO NPDs																							
X		BJ		1 6 5		W 2 9 0		Yes																																	
SUPPLEMENTAL REPORT EXPECTED (14)																EXPECTED SUBMISSION DATE (15)		MONTH		DAY		YEAR																			
YES (If yes, complete EXPECTED SUBMISSION DATE)																X NO																									

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

On February 19, 1984, at 2115, while performing an operability test of the Unit 1 High Pressure Coolant Injection (HPCI) System, it was discovered that speed control of the HPCI turbine was very erratic. At the time the unit was operating at 100 percent power and the Reactor Core Isolation Cooling (RCIC) System was operable. The HPCI turbine Electronic Speed Controller (EGM), Woodward Governor Co. Part No. 9903-14, was found to be not functioning properly. The subject EGM unit was replaced and the HPCI System was satisfactorily tested and returned to service on February 23, 1984, at 2115.

The failed EGM unit was sent to the manufacturer for assessment of the unit failure. However, no problems were found with the unit. Following the return of the EGM unit from the manufacturer, further testing of the EGM unit was conducted by the plant I&C maintenance group. This testing was unsuccessful in revealing any problems with the EGM unit. Due to the undetermined cause of failure involving the subject EGM unit, it has been purged from the plant stores inventory.

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Carolina Power & Light Company

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

September 19, 1984

FILE: B09-13510C
SERIAL: BSEP/84-1983

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
SUPPLEMENT TO LICENSEE EVENT REPORT 1-84-3

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, the enclosed Licensee Event Report is submitted. The original report was submitted 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

IE22
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