

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 2						
TITLE (4) Failure to Take Required Action After Exceeding Two-Hour Time Frame for Surveillance Testing of Reactor Level Instrument 1-B21-LT-N024A-1																					
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)								
1	2	3	0	8	5	8	5	0	6	8	0	0	1	2	9	8	6	0 5 0 0 0			
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)				20.405(c)				50.73(a)(2)(iv)				73.71(b)						
1			20.405(a)(1)(i)				50.38(c)(1)				50.73(a)(2)(v)				73.71(c)						
1			20.405(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
			20.405(a)(1)(iii)				X 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)(x)										
LICENSEE CONTACT FOR THIS LER (12)																					
NAME										TELEPHONE NUMBER											
M. J. Pastva, Jr., Regulatory Technician										AREA CODE 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 NPD		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD											
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 12/30/85, at 1650, the two-hour time frame for surveillance testing Unit 1 reactor level instrument B21-LT-N024A-1 was exceeded and at 1750 the required action to place N024A-1 in the tripped condition was not taken. This occurred during performance of the instrument channel response time test of the unit reactor low level input to the Primary Containment Isolation System, maintenance surveillance test (MST) 1MST-PCIS36R. Unit 1 was at 100% power.

This event occurred because involved I&C technicians did not maintain positive control over the two-hour surveillance testing time frame and steps in the test procedure to record times for removal and return to service of N024A-1.

The involved I&C technicians will be appropriately counseled concerning this event by 1/31/86. Alarm timers to aid maintaining control over two-hour surveillance testing time frames are expected to be in place by 4/30/86.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Brunswick Steam Electric Plant Unit 1	0 5 0 0 0 3 2 5	8 5	— 0 6 8	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

While performing the instrument channel response time test of the Unit 1 reactor low level No. 2 input to the Primary Containment Isolation System (PCIS), the allowed two-hour time frame for surveillance testing of reactor level instrument B21-LT-N024A-1 was exceeded on December 30, 1985, at 1650, and at 1750, the Technical Specifications (T/S) required action to place the instrument in the tripped condition within the following hour, as outlined by T/S Table 3.3.2-1, Note b, was not taken and T/S 3.0.3 was entered. The instrument was returned to service on December 30, 1985, at 1910, thereby negating the requirements of T/S 3.0.3. N024A-1, in addition to providing input to the PCIS, provides a reactor low level No. 2 input to the Reactor Building isolation function. This event occurred while Unit 1 was operating at 100 percent power.

This event resulted from the involved test technicians not maintaining sufficient awareness of the two-hour time frame for testing surveillance and failure to follow the test procedure and record times involving removal and return to service of the N024A-1 instrument. As a result, the two-hour time frame expired, and the involved I&C technicians did not notify the Unit 1 Control Operator that the time frame had been exceeded. Consequently, the action to establish an appropriate Limiting Condition for Operation and to place N024A-1 into the tripped position within the following hour was not taken. A contributory factor to this event was that this was the first performance of the subject test procedure, 1MST-PCIS36R. Performance of this test induces numerous expected half Primary Containment Groups 1 and 3 isolations, and the concentration of the involved I&C technicians was focused on the test procedure.

The involved I&C technicians will be counseled to be cognizant of the two-hour time frame for testing and the importance of strict adherence to test procedures. This counseling will be completed no later than January 31, 1986. In addition, alarm timers to aid technicians in adherence to the two-hour time frame for testing surveillance are expected to be in place no later than April 30, 1986.



Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429
January 29, 1986

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SERIAL: BSEP/86-0085

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 1-85-068

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/mbh

Enclosure

cc: Dr. J. N. Grace

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