

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Brunswick Steam Electric Plant Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 2 5	PAGE (3) 1 OF 0 2
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TITLE (4)  
Inoperability of the Unit 1 Reactor Building Roof Ventilation Monitor

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	9	0	1	8	4	8	4	-	0	1	9	0	0	1	1	0	1	8	4		0 5 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

OPERATING MODE (9) 1	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 1 0 0	20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vi)	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)(vii)(A)		
20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(vii)(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 AREA CODE: 9 1 9 4 5 7 1 - 9 5 2 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPRDS
A	I B	A N N B	2 3 0	Yes					
A	I K	M O N N	3 0 5	Yes					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

During an evaluation of the Reactor/Turbine Gauge Board (RTGB) alarm annunciators associated with the Unit 1 Reactor Building roof ventilation radiation monitor, 1-CAC-AQH-1264, it was determined that from 1-1-84 through 3-5-84 the monitor had been inoperable as defined by Technical Specification (T/S) 3.3.5.9. On 9-15-83 the annunciator point card for the monitor RX BLDG VENT DOWN-INOPER (RTGB) alarm annunciator circuitry was removed to eliminate a continuous actuation of the annunciator. At that time, removal of the annunciator point card did not affect operability of the monitor, as defined by the applicable T/S.

T/S 3.3.5.9 became effective on 1-1-84. Notation (d).3 of T/S Table 4.3.5.9-1 specifies a Control Room alarm annunciation upon an instrument downscale failure of the monitor. As a result, when T/S 3.3.5.9 became effective, the monitor was inoperable due to the removed annunciator point card.

On 3-5-84 the subject annunciator point card was reinstalled, thereby reestablishing operability of the monitor.

Appropriate plant personnel will review this report.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  Brunswick Steam Electric Plant Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 2 5 8 4	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	0 1 9	0 0	0 2	0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

During an evaluation of the Reactor/Turbine Gauge Board (RTGB) alarm annunciators associated with the Unit J Reactor Building roof ventilation radiation monitor, 1-CAC-AQH-1264, it was determined that from January 1, 1984, through March 5, 1984, the monitor had unknowingly been inoperable, as defined by Technical Specification 3.3.5.9.

On September 15, 1983, the annunciator point card for the monitor RTGB annunciator circuitry was removed to disable the monitor RTGB RX BLDG VENT DOWN-INOP alarm annunciation. Removal of the subject annunciator point card was performed to eliminate a continuous actuation of the alarm annunciator. The annunciator is a multiple input alarm which receives one of its inputs from the control alignment of the Reactor Building Ventilation System intake and exhaust fans. Problems with the building ventilation dampers necessitated an alignment of the system intake and exhaust fans that cause a continuous alarm condition to occur. At the time the annunciator point card was removed, operability of the monitor, as defined in the applicable technical specification, was not affected.

On January 1, 1984, Technical Specification 3.3.5.9 became effective as part of the Brunswick Steam Electric Plant Radiological Effluent Technical Specification implementation. Notation (d).3 of the surveillance requirements defined in Technical Specification Table 4.3.5.9-1 specifies a Control Room alarm annunciation upon an instrument downscale failure of the 1-CAC-AQH-1264 monitor. When Technical Specification 3.3.5.9 became effective, the monitor was thereby rendered inoperable, as per technical specifications, as a result of the removed annunciator point card, which prevented the annunciator from alarming. On March 5, 1984, the subject annunciator point card was reinstalled to allow the satisfactory completion of the channel functional test of the Reactor Building Ventilation Monitoring System flow measuring device, thereby reestablishing operability of the monitor.

Appropriate plant personnel will review this report.



Carolina Power & Light Company

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

November 1, 1984

FILE: B09-13510C  
SERIAL: BSEP/84-2278

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 1-84-19

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, the enclosed Licensee Event Report is submitted. In a letter to your office dated September 27, 1984, Serial: BSEP/84-2050, it was conveyed that the report of this event would be submitted by November 1, 1984. This report 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/LETDJ1

Enclosure

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

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