

**LICENSEE EVENT REPORT**

CONTROL BLOCK: 

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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7	8	LICENSEE CODE						14	15	LICENSE NUMBER								25	26	LICENSE TYPE				40	57	CAT	59

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REPORT SOURCE

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60 61 68 69 74 75 80

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Surveillance during unit power operation revealed main steam line radiation monitor  
0 3 2-D12-LRM-K603D was showing an indication which was less than was indicated by  
0 4 redundant instrumentation. Performance of High Steam Line Radiation Channel Functional  
0 5 Test, PT-1.1.12PC, done as a result of the surveillance discovery, revealed that  
0 6 K603D was actuating at 3.75 (versus the specified requirement of  $\leq 3.5$ ) x full  
0 7 power background. This event did not affect the health and safety of the public.

08 | Technical Specifications 3.3.1, 3.3.2, 6.9.1.9b

09		SYSTEM CODE IA		CAUSE CODE E		CAUSE SUBCODE E		COMPONENT CODE INSTRU				COMP. SUBCODE X		VALVE SUBCODE Z	
7	8	9	10	11	12	12	13	13	14	15	16	17	18	19	20
LER/RO REPORT NUMBER 17		EVENT YEAR 83		SEQUENTIAL REPORT NO. 086		OCCURRENCE CODE 03		REPORT TYPE L		REVISION NO. 0		ACTION TAKEN E		FUTURE ACTION G	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0000		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. Y		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER G080		26	
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 K603D was found actuating out of specifications due to instrument drift. K603D, Model  
1 1 No. 238X660G3, was calibrated and returned to service. As a result of this event, by  
1 2 November 11, 1983, the functional and the alignment and functional tests of these  
1 3 instruments will be combined into a single test done weekly in order to better reveal  
1 4 any instrument drift problems with these instruments.

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS (28) 1 5 E

% POWER 1 0 0 (29)

OTHER STATUS (30) NA

METHOD OF DISCOVERY (31) A

DISCOVERY DESCRIPTION (32) Operational Surveillance

ACTIVITY CONTENT  
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 2 33 2 34 NA NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	NA

		LOSS OF OR DAMAGE TO FACILITY		(43)
		TYPE	DESCRIPTION	
1	9	Z	(42)	NA

PUBICITY		ISSUED		DESCRIPTION		8310170604 831006		NRC USE ONLY	
2	0	N	44			PDR ADOCK 05000324			
						S			
						PDR			

NAME OF PREPARER M. J. Pastva, Jr.

PHONE: 919-457-9521

NRC USE ONLY

90 017-928



Carolina Power & Light Company

83 OCT 11 P 1:51

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

October 6, 1983

FILE: B09-13510C  
SERIAL: BSEP/83-3293

Mr. James P. O'Reilly, Administrator  
U. S. Nuclear Regulatory Commission  
Region II, Suite 3100  
101 Marietta Street N.W.  
Atlanta, GA 30303

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-324  
LICENSE NO. DPR-62  
LICENSEE EVENT REPORT 2-83-86

Dear Mr. O'Reilly:

In accordance with Section 6.9.1.9b of the Technical Specifications for Brunswick Steam Electric Plant, Unit No. 2, 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-0161, July 1977.

Very truly yours,

C. R. Dietz, General Manager  
Brunswick Steam Electric Plant

RMP/pms/LETPS1

Enclosure

cc: Mr. R. C. DeYoung  
NRC Document Control Desk

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