

LICENSEE EVENT REPORT

U. S. NUCLEAR REGULATORY COMMISSION
UPDATE REPORT:
PREVIOUS REPORT DATE: 1/21/83CONTROL BLOCK: ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	B	E	P	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5
LICENSEE CODE								LICENSE NUMBER								LICENSE TYPE								57 CAT 58			
CON'T		REPORT SOURCE		DOCKET NUMBER								EVENT DATE								REPORT DATE							
0	1	L	6	0	5	0	-	0	3	2	5	7	1	2	2	8	2	8	1	1	0	5	8	4		9	
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩																											

0 2 | During a Unit 2 reactor scram recovery, following an automatic start of all four

0 3 | diesel generators, diesel generator No. 2 tripped and automatically locked out on low

0 4 | lube oil pressure rendering the diesel unavailable for automatic operation. At the

0 5 | time of this event, Unit 1 was in a refueling outage. This event did not affect the

0 6 | health and safety of the public.

0 7 |

Technical Specifications 3.8.1.1, 6.9.1.9b

0	9	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE									
		E	E	X	Z	I N S T R U				S	Z												
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.													
17		8	2	1	2	5	0	3	L	1													
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
X	18	Z	19	Z	20	Z	21	0	0	0	0	Y	23	Y	24	N	25	X	9	9	9	26	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳																							

1 0 | Air in the sensing line of the diesel lube oil pressure switch DG-PS-6534-2, Model

1 1 | No. FS-1316-HSC, prevented the instrument from actuating in < 30 seconds which allowed

1 2 | the diesel low lube oil pressure start time relay (STR) to time out and trip the

1 3 | diesel as designed. The air was removed from the sensing line and the diesel was

1 4 | satisfactorily start time tested. No further action regarding this event is planned.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
1	5	H	28	0	0	0	29	NA	A	31	Operational Event
ACTIVITY RELEASED OF RELEASE		CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE					
1	6	Z	33	Z	34	NA	NA				
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION					
1	7	0	0	0	37	Z	38	NA			
PERSONNEL INJURIES		NUMBER		TYPE		DESCRIPTION					
1	8	0	0	0	40			NA			
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION							
1	9	Z	42					NA			
PUBICITY ISSUED		DESCRIPTION									
2	0	N	44					NA			
NAME OF PREPARER		M. J. Pastva, Jr.		PHONE		919-457-9521					

NRC USE ONLY

LER ATTACHMENT - RO #1-82-125

Facility: BSEP Unit 1

Event Date: December 22, 1982

This event resulted from air in the instrument sensing line of diesel generator No. 2 lube oil pressure switch DG-PS-6534-2. During the initial 30 seconds of the diesel start sequence, DG-PS-6534-2 senses actual lube oil pressure and will actuate if normal pressure is achieved to prevent the diesel start time delay (STR) from timing out. The STR permits bypassing the diesel low lube oil pressure lockout logic during the 30-second initial starting time frame so normal lube oil operating pressure can be achieved. In this case, however, the instrument response of DG-PS-6534-2 was very slow due to the air in the sensing line and it failed to sense actual normal pressure within 30 seconds, thereby allowing the STR to time out and cause a low lube oil pressure trip and lockout of the diesel.

The air was then removed from the sensing line of DG-PS-6534-2, Nordberg Model No. FS-1316-HSC, and diesel generator No. 2 was satisfactorily tested. In addition, the corresponding instrument sensing lines of the remaining diesel generators' STRs were checked for the presence of air with no problems noted. As there is no previous history of similar events involving air in the instrument sensing lines of diesel generators' DG-PS-6534 instruments, no further action regarding this event is planned.



Carolina Power & Light Company

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Brunswick Steam Electric Plant

P. O. Box 10429

Southport, NC 28461-0429

November 5, 1984

FILE: B09-13510C

SERIAL: BSEP/84-2453

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW
Atlanta, GA 30323

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1

DOCKET NO. 50-325

LICENSE NO. DPR-71

SUPPLEMENT TO LICENSEE EVENT REPORT 1-82-125

Dear Mr. O'Reilly:

In accordance with Section 6.9.1.9b of the Technical Specifications for Brunswick Steam Electric Plant Unit 1, the enclosed supplemental Licensee Event Report is submitted. The original report fulfilled the requirement for a written report within thirty (30) days of a reportable occurrence and both are 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/sdl/LETSDL

Enclosure

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

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11