

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

REPORT  
SOURCE

L	6	0	5	0	0	0	2	6	1	7	0	7	2	9	8	3	8	0	8	2	6	8	3	9		
60	61	LOCKET NUMBER										68	69	EVENT DATE					74	75	REPORT DATE					80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | On July 29, 1983, at 2200 hours, with the unit at 79% power, "A" Boric Acid Transfer

03 | Pump failed during the performance of Periodic Test 7.1A (Boric Acid Transfer

04 | Pump Inservice Inspection). Investigation revealed that the pump had apparently

05 | tripped on thermal overload from the thermal switch located on the pump motor. This

06 | event resulted in operation in a degraded mode permitted by a Limiting Condition for

07 | Operation as defined by Technical Specification 3.2.3.b and is reported pursuant

08 | to 6.9.2.b.2. The redundant Boric Acid Transfer Pump was operable, so there was

no threat to the public health and safety.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
0	9	P	C	E		F		P	U	M	P	X	X	B	Z		
7	8	9	10	11	12	12	13	13	14	15	16	17	18	19	20		
(17) LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
83		83		019		03		L		0							
21 22		23 24		25 26		27 28		29 30		31 32							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
A	Z	Z		Z		0000	Y	N	A	C300							
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The root cause of failure was determined to be normal end of component life for  
1 1 | the thermal switch. The switch was replaced with a new unit, and "A" Boric Acid  
1 2 | Transfer Pump was returned to service at 0932 hours on July 30, 1983. Periodic  
1 3 | Test 7.1A was then satisfactorily completed at 1220 hours. No further correc-  
1 4 | tive action is considered necessary.

1 5 E 28 0 7 9 29 N/A B 31 Surveillance Test

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

1 6 Z (33) Z (34) N/A N/A

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	7	0	0	0	(37)	Z	(38)	N/A		

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
18	000	40	N/A

		8		9		11		12		
		LOSS OF OR DAMAGE TO FACILITY						(43)		
		TYPE		DESCRIPTION						
1	9	Z	(42)							
				N/A						
				8208060357 820808						

8 9 10  
 PUBLICATION  
 ISSUED DESCRIPTION (45)  
 2 0 N (44) N/A  
 8307080257 830826  
 PDR ADOCK 05000261  
 S PDR  
 NRC USE ONLY

NAME OF PREPARER: Howard T. Cox

PHONE: (803) 383-4524

SUPPLEMENTAL INFORMATION  
FOR  
LICENSEE EVENT REPORT 83-019

I. Cause Description and Analysis

On July 19, 1983, at 2200 hours, with the unit at 79% power, "A" Boric Acid Transfer Pump failed during the performance of Periodic Test (PT) 7.1A (Boric Acid Transfer Pump Inservice Inspection). Specifically, the pump was being used to recirculate the Boron Injection Tank with "A" Boric Acid Storage Tank, and approximately one minute after starting, the pump was discovered not to be running.

Attempts to restart the transfer pump from both the control board and locally were unsuccessful. Investigation revealed that the pump had apparently tripped on thermal overload from a thermal switch located on the pump motor. Examination of the pump motor thermal switch showed that the switch itself had failed.

This event resulted in operation in a degraded mode permitted by a Limiting Condition for Operation as defined by Technical Specification 3.2.3.b and is reported pursuant to 6.9.2.b.2. The redundant Boric Acid Transfer Pump was operable, so there was no threat to the public health and safety.

II. Corrective Action

The thermal switch for "A" Boric Acid Transfer Pump was replaced with a new unit from stock, and the pump was returned to service at 0932 hours on July 30, 1983. PT-7.1A was then satisfactorily completed at 1220 hours. The root cause of failure was determined to be normal end of component life.

III. Corrective Action to Prevent Recurrence

No further corrective action is considered necessary.

USNRC REGION II  
ATLANTA, GEORGIA  
**CP&L**

83 AUG 29 8 21 03  
Carolina Power & Light Company

H. B. ROBINSON STEAM ELECTRIC PLANT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550

AUG 26 1983

Robinson File No: 13510C

Serial: RSEP/83-1122

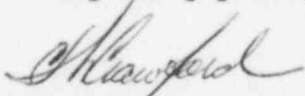
Mr. James P. O'Reilly  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N. W., Suite 3100  
Atlanta, Georgia 30303

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 83-019

Dear Mr. O'Reilly:

In accordance with Section 6.9.2 of the Technical Specifications for the H. B. Robinson Steam Electric Plant, Unit 2, the enclosed Licensee Event Report is submitted. This report fulfills the requirements 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,

  
for R. B. Starkey, Jr.  
General Manager  
H. B. Robinson SEG Plant

HTC:FLL:CWC/bss

Enclosure

cc: R. C. DeYoung (30)  
R. A. Hartfield (3)

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