

*** CONTROL BLOCK:**

1						(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	S	C	H	B	R	2	(2)	0	0	-	0	0	0	0	0	0	-	0	0	(3)	4	1	1	1	1	(4)			(5)		
7	8	9					14	15												25	26					30		57	CAT	58		
		LICENSEE CODE						LICENSE NUMBER																		LICENSE TYPE						

CON'T

0	1
7	8

REPORT SOURCE

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On June 5, 1983, at 2016 hours, with the unit at 78% power, the circuit breaker for the Boron Injection Tank (BIT) heater channel "B" was found tripped. Investigation revealed that the heater had failed and shorted to ground. The heater channel was declared inoperable at 2025 hours. This event resulted in operation in a degraded mode permitted by a limiting condition for operation as defined by Technical Specification 3.3.1.2.h which is reportable pursuant to 6.9.2.b.2. The redundant heater channel was operable. There was no threat to the public health and safety.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
7	8	S	F	E	A	H	E	A	T	E	R	Z	Z		
		9	10	11	12	13		14		15	16				
(17) LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
83		83		011		03		L		0					
21		22		23		24		25		26					
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED					
A		Z		Z		Z		0000		Y					
18		19		20		21		22		23					
33		34		35		36		37		40					
NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER											
N		A		C332											
42		43		44											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The failed heater was replaced, and BIT heater channel "B" was declared operable at
1 1 | 0530 hours on June 6, 1983. This event is considered to be the result of component
1 2 | failure due to normal end of life. No further corrective action is believed
1 3 | necessary.

1	4																	80																																																							
7	8	9																																																																							
FACILITY STATUS			% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION				80																																																						
1	5	E	28	d	7	8	29	N/A				A	31	Operator Observation				80																																																							
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	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	Z	33	Z	34	N/A	N/A

PERSONNEL EXPOSURES									
NUMBER			TYPE		DESCRIPTION (39)				
1	7		0	0	0	(37)	Z	(38)	N/A

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	(40) N/A

1		2		3		4		5		6		7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY																							
TYPE		DESCRIPTION																					
1	9	Z	(42)	N/A																			

8 9 10
PUBLICATION
ISSUED DESCRIPTION (45)
2 0 N (44) 8307110294 830705
PDR ADOCK 05000261
S PDR
NRC USE ONLY

NAME OF PREPARER Howard T. Cox

PHONE: (803) 383-4524

USNRG RE
ATLANTA. **CP&L**

Carolina Power & Light Company

83 JUL 8 9:52
H. B. ROBINSON STEAM ELECTRIC PLANT
Post Office Box 790
Hartsville, South Carolina 29550

JUL 5 1983

Robinson File No: 13510C

Serial: RSEP/83-854

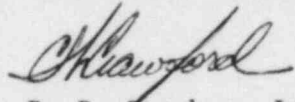
Mr. James P. O'Reilly
Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
LICENSEE EVENT REPORT 83-011

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:JMC:CWC/th

Enclosure

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

OFFICIAL COPY

II 22
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SUPPLEMENTAL INFORMATION
FOR
LER 83-011

I. CAUSE DESCRIPTION AND ANALYSIS

On June 5, 1983, at 2016 hours, with the unit at 78% power, the circuit breaker for the Boron Injection Tank (BIT) heater channel "B" was found in the tripped position. The breaker was immediately reset, and upon reclosure, the "480 Volt Ground" alarm was received on the control board. Investigation revealed the ground to be on BIT heater channel "B". The heater channel was declared inoperable at 2025 hours on June 5, 1983.

This event resulted in operation in a degraded mode permitted by a limiting condition for operation as defined by Technical Specification 3.3.1.2.n which is reportable pursuant to 6.9.2.b.2. The redundant heater channel was operable and capable of maintaining the proper BIT temperature. There was no threat to the public health and safety.

II. CORRECTIVE ACTION

Examination of BIT heater "B" revealed that the heater had burned out and shorted to ground. The heater was replaced and declared operable at 0530 hours on June 6, 1983.

III. CORRECTIVE ACTION TO PREVENT RECURRENCE

This event is considered to be the result of component failure due to normal end of life. No further corrective action is believed necessary.