

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: Mr. Norman C. Moseley

FROM: Carolina Power & Light Co.  
Raleigh, North Carolina  
H. R. Banks

DATE OF DOCUMENT  
7/26/76DATE RECEIVED  
7/27/76

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PROP

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## DESCRIPTION

Ltr. trans the following:

DO NOT REMOVE

ACKNOWLEDGMENT

(1-P)

PLANT NAME:

H. B. Robinson

## ENCLOSURE

Licensee Event Report (RO 50-261/76-13) on  
7/10/76 concerning "B" battery being rendered  
inoperable by removing the leads from the  
battery while the reactor was critical.

(3-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION 7/28/76

RJL

☒ BRANCH CHIEF: Reid

☐ W/3 CYS FOR ACTION

☒ LIC. ASST.: Ingram

☐ W/1 CYS

☐ ACRS/6 CYS HOLDING/SENT TO LA

## INTERNAL DISTRIBUTION

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☒ HANAUER

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☒ EISENHUT

☒ BAER

☒ SHAO

☒ VOLLMER/BUNCH

☒ KREGER/J. COLLINS

## EXTERNAL DISTRIBUTION

☒ LPDR: Hartville, S.C.

☒ TIC:

☒ NSIC:

## CONTROL NUMBER

7562

3P21  
Nuclear Power & Light Company  
July 26, 1976

FILE: NG-3513 (R)

SERIAL: NG-76-1034

Mr. Norman C. Moseley, Director  
U. S. Nuclear Regulatory Commission  
Region II, Suite 818  
230 Peachtree Street, N.W.  
Atlanta, Georgia 30303

Dear Mr. Moseley:

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 76-13

In accordance with Section 6.9.2.a of the Technical Specifications for the H. B. Robinson Steam Electric Plant, Unit 2, the attached Licensee Event Report is submitted. This report fulfills the requirement for a written report within fourteen (14) days of a reportable occurrence and is in accordance with the format set forth in Regulatory Guide 1.16, Revision 4.

Yours very truly,

*H. R. Banks*  
H. R. Banks

Manager

Nuclear Generation

CSB:ku

Attachment

cc: Messrs. W. G. McDonald  
E. Volgenau

7562

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE				EVENT TYPE								
01	S	C	H	B	R	2	0	0	-	0	0	0	0	-	0	0	4	1	1	1	0	0	1	
7	8	9				14	15									25	26					30	31	32

  

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER				EVENT DATE				REPORT DATE											
01	CONT	T	L	0	5	0	-	0	2	6	1	0	7	1	0	7	6	0	7	2	6	7	6
7	8	57	58	59	60	61					68	69					74	75					80

## EVENT DESCRIPTION

02	While plant was critical and at power and while performing maintenance on "B"	80
03	Battery, leads were removed from "B" Battery rendering the battery inoperative.	80
04	"A" Battery was in service supplying loads. Leads were replaced putting "B"	80
05	Battery back in service. (HBR2 RO 76-13)	80
06		80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER		VIOLATION					
07	E	C	A	B	A	T	T	R	Y	N	G	1	8	5	Y
7	8	9	10	11	12				17	43	44			47	48

## CAUSE DESCRIPTION

08	Personnel failed to comply with Tech Spec 3.7 requiring Reactor Non-Critical to	80
09	render Gould Battery inoperative for maintenance. Remedial action required re-	80
10	placing leads.	80

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	E	0	0	0	N/A	A	N/A	N/A	N/A
7	8	9	10	11	12	13	44	45	46

  

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
12	Z	Z	N/A	N/A	N/A	N/A	N/A
7	8	9	10	11	44	45	80

## PERSONNEL EXPOSURES

13	NUMBER	TYPE	DESCRIPTION	80
	000	Z	N/A	
7	8	9	11	12

## PERSONNEL INJURIES

14	NUMBER	DESCRIPTION	80
	000	N/A	
7	8	9	11

## OFFSITE CONSEQUENCES

15	N/A	80
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## LOSS OR DAMAGE TO FACILITY

16	TYPE	DESCRIPTION	80
	Z	N/A	
7	8	9	10

## PUBLICITY

17	N/A	80
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## ADDITIONAL FACTORS

18	Breaker on "A" Battery charger tripped, was reset, and tripped again; then leads	80
19	were replaced on "B" Battery.	80

NAME: W. G. Gambrell

PHONE: (803) 332-1351

SUPPLEMENTARY INFORMATION

FOR

REPORTABLE OCCURRENCE 76-13

1. Report No.: 50-261/76-13

2a. Report Date: July 20, 1976

2b. Occurrence Date: July 10, 1976

3. Facility: H. B. Robinson Unit No. 2  
Hartsville, South Carolina 29550

4. Identification of Occurrence:

"B" Battery was rendered inoperative by removing the leads from the battery while the reactor was critical. The battery was intentionally taken out of service for maintenance purposes. However, it was not realized at the time that this was a violation of Technical Specification 3.7 requiring the reactor to be non-critical if a battery is to be rendered inoperative. This violation of Technical Specifications constitutes a reportable occurrence in accordance with Technical Specification 6.9.2.a(2).

5. Conditions Prior to Occurrence:

At 2325 on July 9, 1976, the unit had been electrically separated from the system. The power level was 0% but the reactor was maintained critical. At 0002 on July 10, 1976, "A" and "B" Battery tie breakers were closed and the "B" Battery Charger was secured.

6. Description of the Occurrence:

When the "B" Battery Charger was secured at 0002 hours, the leads were removed from "B" Battery to perform maintenance. Removing the leads from the "B" Battery while the reactor was critical constituted a violation of Technical Specification 3.7.

6. Description of the Occurrence (Continued)

The following describes subsequent events following the occurrence:

When the "B" Battery was taken out of service, all of the DC loads were supplied by "A" Battery and its charger. At 0252 hours on July 10, 1976, the breaker on "A" Battery Charger tripped with a current of 220 amps. The breaker was reset and it tripped again after a two minute time delay. At this time, the leads were replaced on "B" Battery and its charger was placed in service. At 0307 hours on July 10, 1976, the "A" and "B" Battery tie breakers were opened and at this time the batteries were operating independently supplying their normal loads.

7. Designation of Apparent Cause of Occurrence:

The cause of the occurrence can be attributed to personnel error due to lack of compliance with existing written instructions (the Technical Specification).

8. Analysis of Occurrence:

The occurrence could have been avoided if personnel had reviewed the Technical Specifications prior to removing a plant component from service.

9. Corrective Action:

All plant personnel will be cautioned to review the Technical Specification requirements prior to removing any equipment from service.



Carolina Power & Light Company

July 26, 1976

FILE: NG-3513 (R)

SERIAL: NG-76-1034

Mr. Norman C. Moseley, Director  
U. S. Nuclear Regulatory Commission  
Region II, Suite 818  
230 Peachtree Street, N.W.  
Atlanta, Georgia 30303

Dear Mr. Moseley:

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 76-13

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Yours very truly,

H. R. Banks  
Manager  
Nuclear Generation

CSB:ku

Attachment

cc: Messrs. W. G. McDonald  
E. Volgenau



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U.S. AIR FORCE  
REGULATORY OPERATIONS  
REGION II  
ATLANTA, GA.

JUL 27 2 45 PM '76



Carolina Power & Light Company

H. B. ROBINSON STEAM ELECTRIC PLANT  
P. O. Box 790  
Hartsville, South Carolina

July 12, 1976

Robinson File No. 2-0-4-a-1

Mr. Norman C. Moseley, Director  
Director of Regulatory Operations  
Nuclear Regulatory Commission  
Region II, Suite 818  
230 Peachtree Street, N.W.  
Atlanta, Georgia 30303

Mr. John G. Davis, Acting Director  
Director of Regulatory  
Nuclear Regulatory Commission  
Washington, D. C. 20545

Dear Sirs:

In accordance with Section 6.9.2.a.2 of the Technical Specifications  
the following Reportable Occurrence is submitted:

On July 10, 1976, while maintaining the reactor critical after a plant  
shutdown, the "B" Station Battery was removed from service for mainte-  
nance. This is a violation of Technical Specification 3.7.1.e.

This was reported to Mr. Dick Parker of NRC, Atlanta and Mr. Harold Banks  
of Carolina Power and Light Company on July 10, 1976.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J.B. McGirt".  
Jack B. McGirt, Manager  
H. B. Robinson SEG Plant

KPB:zh