

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 1298

FILE:

FROM: Carolina Power & Light Company Raleigh, North Carolina E. E. Utley			DATE OF DOC 2-12-74	DATE REC'D 2-19-74	LTR X	MEMO	RPT	OTHER
TO: J. F. O'Leary			ORIG 3 signed	CC 37	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 40		DOCKET NO: 50-261		
	XXX							

DESCRIPTION:

Ltr trans the following....

**DO NOT REMOVE**  
**ACKNOWLEDGED**

PLANT NAME: H. B. ROBINSON UNIT #2

ENCLOSURES:

Abnormal Occurrence Report #50-261/74-4  
of 2-6-74 in which an inoperable HVH  
valve was discovered

(40 cys encl rec'd)

FOR ACTION/INFORMATION 2-19-74 GMC

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	REGAN(E) W/ Copies
CLARK(L) W/ Copies	STOLZ(L) W/ Copies	DICKER(E) W/ Copies	W/ Copies
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	KNIGHTON(E) W/ Copies	W/ Copies
KNIEL(L) W/ Copies	✓SCHEMEL(L) W/ 7 Copies	YOUNGBLOOD(E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

✓ <u>REG FILE</u>	✓ <u>TECH REVIEW</u>	DENTON	LIC ASST	A/T IND
✓AEC PDR	✓HENDRIE	GRIMES		BRAITMAN
✓OGC, ROOM P-506A	✓SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
✓MUNTZING/STAFF	✓MACCARY Ltr	KASTNER	GEARIN (L)	B. HURT
✓CASE Ltr	✓KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSSO	✓PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	✓SHAO		MAIGRET (L)	DUBE w/Input
MOORE (L)(BWR)	✓STELLO Ltr	<u>ENVIRO</u>	SERVICE (L)	<u>INFO</u>
✓DEYOUNG(L)(PWR)	✓HOUSTON	MULLER	SHEPPARD (E)	✓C. MILES
✓SKOVHOLT (L)	✓NOVAK	DICKER	✓SMITH (L)	✓B. KING E/W BLDG
P. COLLINS	✓ROSS	KNIGHTON	✓TEETS (L)	
DENISE	✓IPPOLITO	YOUNGBLOOD	WADE (E)	
✓ <u>REG OPR</u>	✓TEDESCO Ltr	REGAN	WILLIAMS (E)	
✓FILE & REGION(3)	✓LONG	PROJECT LDR	WILSON (L)	
✓MORRIS	✓LAINAS		S. REED (L)	
✓STEELE	✓BENAROYA	HARLESS		
	✓VOLLMER			

EXTERNAL DISTRIBUTION

✓1 - LOCAL PDR HARTVILLE, SC	(1)(2X10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
✓16 - CYS ACRS <del>NOVEMBER</del>	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
Sent to Lic Asst Teets 2-19-74	1-GERALD ULRIKSON...ORN	1-RD..MULLER..F-309 GT



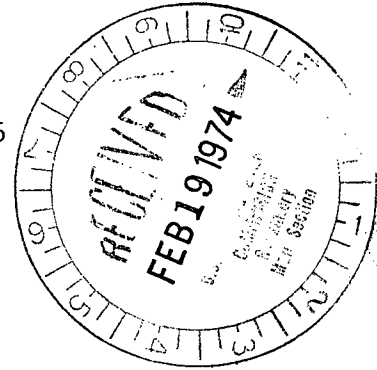
Carolina Power &amp; Light Company

February 12, 1974

File: NG-3514

Serial: NG-74-186

Mr. John F. O'Leary, Director  
Directorate of Licensing  
Office of Regulation  
U. S. Atomic Energy Commission  
Washington, D. C. 20545



Dear Mr. O'Leary:

50 - 261

H. B. ROBINSON UNIT NO. 2  
LICENSE DPR-23  
INOPERABLE HVH UNIT

In accordance with Section 6.6.2 of the Technical Specifications for H. B. Robinson Unit No. 2, the attached Abnormal Occurrence Report is submitted for your information. This report fulfills the requirements for a written report within ten days of an abnormal occurrence and is in accordance with the format set forth in Regulatory Guideline 1.16.

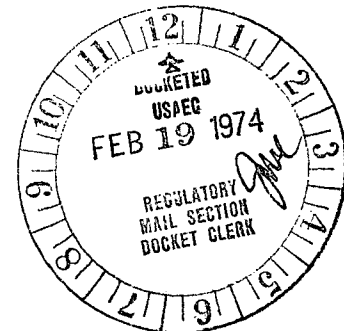
Yours very truly,

E. E. Utley  
Vice-President  
Bulk Power Supply

DBW:mvp

Attachment

cc: Messrs. N. B. Bessac  
T. E. Bowman  
B. J. Furr  
W. B. Howell  
D. V. Menscer  
N. C. Moseley  
D. B. Waters



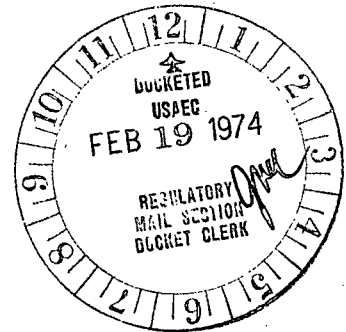
1298

## ABNORMAL OCCURRENCE REPORT

Regulatory

File Cy.

1. Report No. 50-261/74-4
- 2a. Date February 7, 1974
- 2b. Occurrence Date February 6, 1974
3. Facility H. B. Robinson Unit No. 2  
Hartsville, South Carolina 29550
4. Identification of Occurrence



Inoperable HVH unit.

5. Conditions Prior to Occurrence

The plant was operating normally at 100% power with HVH-2, HVH-3, and HVH-4 running. HVH-1 was shutdown.

6. Description of Occurrence

At 0847 hours on February 6, 1974, the control operator observed that the green (stopped) indicating light was not illuminated. This light was on at 0730 hours when the control operator checked all indicating lights after coming on duty. The operator replaced all HVH-1 indicating lights at the RTGB without success. At 0850 hours the control operator's attempt to start HVH-1 was unsuccessful. This resulted in an abnormal occurrence as defined in Technical Specification 1.8.d. HVH-1 was declared out of service at 0850 hours. A and B containment spray pumps were test operated satisfactorily as required by Technical Specification 3.3.2.2.a.

Instrumentation and control personnel investigated the failure and found a blown control power fuse. Further investigation revealed that a short in the control power circuit existed at the remote control station indicating light socket. The defective socket was removed for repair and fuses replaced. HVH-1 was satisfactorily test operated from the RTGB and its remote control station, and was returned to service at 1145 hours, February 6, 1974.

7. Designation of Apparent Cause of the Occurrence

HVH-1 would not operate because a short circuit in the "off" indicating light socket at the remote control station was causing the breaker control power fuse to blow.

8. Analysis of Occurrence

The indicating light operated on the full 125V DC control power so that the short immediately produces a loss of control power. Such failures are highly uncommon and probably result from faulty components or poor installation. The loss of control power does not prevent manual closing and tripping of the breaker. Therefore, in an emergency this HVH unit could have been operated without control power.

9. Corrective Action

Once the HVH unit was determined to be inoperable the other three HVH units were noted to be operating and both containment spray pumps test operated. When the defective socket was identified, it was removed and the system returned to service.

10. Failure Data

One other occurrence of a short in an indicating light has occurred, however, this was not on safeguards equipment.