

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 3532

FILE: P10

FROM: Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley		DATE OF DOC 4-18-74	DATE REC'D 4-22-74	LTR X	MEMO	RPT	OTHER
TO: J. F. O'Leary		ORIG 3 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 40	DOCKET NO: 50-261		

DESCRIPTION:

Ltr trans the following:

ACKNOWLEDGED

PLANT NAME: H. B. Robinson Unit #2

ENCLOSURES:

Reporting abnormal occurrence #74-9 on 4-11-74, regarding an inoperable primary heat trace circuit.

DO NOT REMOVE

(3 Orig & 37 cys rec'd)

FOR ACTION/INFORMATION

4-22-74 GC

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CLARK(L) W/ Copies	STOLZ(L) W/ Copies	DICKER(E) W/ Copies	W/ Copies
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INTERNAL DISTRIBUTION

<u>REG FILE</u> AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L)(BWR) DEYOUNG(L)(PWR) SKOVHOLT (L) GOLLER(L) P. COLLINS DENISE REG OPR FILE & REGION(3) MORRIS STEELE	<u>TECH REVIEW</u> HENDRIE SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD DUBE w/Input <u>INFO</u> C. MILES B. KING (E/W-358) KLECKER EISENHUT
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EXTERNAL DISTRIBUTION

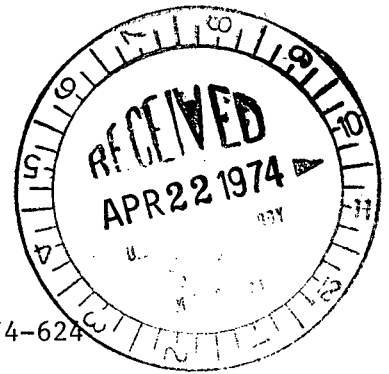
1 - LOCAL PDR <u>Hartville, S. C.</u>	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
1 - P. R. DAVIS (AEROJET NUCLEAR)	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
16 - CYS ACRS XXXXXX SENT TO LIC. ASST.	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT
4-22-74 TEETS	1-B & M SWINEBROAD, Rm E-201 GT	



Carolina Power & Light Company

April 18, 1974

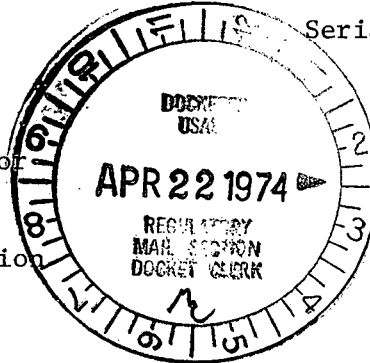
Regulatory Docket File



File: NG-3514

Serial: NG-74-624

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



50 - 261

Dear Mr. O'Leary:

H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23
INOPERABLE HEAT TRACE CIRCUIT

In accordance with Section 6.6.2.a 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

ABNORMAL OCCURRENCE REPORT

1. Report No. 74-9
- 2a. Date April 12, 1974
- 2b. Occurrence Date April 11, 1974
3. Facility H. B. Robinson Unit No. 2
Hartsville, South Carolina 29550

4. Identification of Occurrence

Inoperable primary heat trace circuit.

5. Conditions Prior to Occurrence

Unit No. 2 was operating at 100% power with all systems lined up normally.

6. Description of Occurrence

At 0610 on April 11, 1974, Heat Trace Circuit No. 2 decreased to an alarm condition. Investigation revealed that leg "F" of the primary circuit was open and grounded. Circuit No. 2 covers the piping from Boric Acid Transfer Pump "A," Suction Valve No. 338 to Discharge Valve No. 332. Leg "F" is on the Discharge Pressure Transmitter.

New cable was installed in Leg "F" and the circuit was declared operable at 1400 hours.

The secondary circuit remained operable, therefore, no safety hazard existed.

7. Designation of Apparent Cause of the Occurrence

Heating cable failed.

8. Analysis of Occurrence

The circuit is composed of several legs (branches) that are connected in series. Failure of one leg interrupts power flow to the entire circuit. Failure rate of this type cable has been very low, therefore, it is not considered a problem, especially since the redundant secondary circuit will maintain heat within Technical Specifications. This circuit has given good service since the S.C.R. controller was changed to transformers.

9. Corrective Action

The failed section of cable was identified, removed, and replaced with new cable.

April 12, 1974

10. Failure Data

January 31, 1973

Failed due to blown fuse.