

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 8855

FILE: _____

FROM: Carolina Power & Light Co Raleigh, NC EEUtlely		DATE OF DOC 8-23-74	DATE REC'D 8-28-74	LTR X	TWX	RPT	OTHER
TO: Edson Case		ORIG 1 signed	CC 39	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS.	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:		
	XXX			40	50-261		

DESCRIPTION:

ENCLOSURES:

Ltr trans the following.....

Abnormal occurrence #74-18 of 8-15-74 re failure of "B" Boric Acid transfer pump

**DO NOT REMOVE
ACKNOWLEDGED**

PLANT NAME: HBROBINSON UNIT #2

(40 cys encl rec'd)

FOR ACTION/INFORMATION 8-29-74 GMC

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
W/ CYS	W/ CYS	W/ CYS	W/ CYS
CLARK (L)	STOLZ (L)	DICKER (E)	LEAR
W/ CYS	W/ CYS	W/ CYS	W/4 CYS
FAIR (L)	VASSALLO (L)	KNIGHTON (E)	
W/ CYS	W/ CYS	W/ CYS	W/ CYS
KNIEL (L)	PURPLE (L)	YOUNGBLOOD (E)	
W/ CYS	W/ CYS	W/ CYS	W/ CYS

INTERNAL DISTRIBUTION

REG FILE	<u>TECH REVIEW</u>	DENTON	LIC ASST	A/T IND
✓ AEC PDR	✓ SCHROEDER	GRIMES	DIGGS (L)	BRAITMAN
✓ OGC	✓ MACCARY	GAMMILL	GEARIN (L)	SALTZMAN
✓ MUNTZING/STAFF	✓ KNIGHT	KASTNER	GOULBOURNE (L)	B. HURT
✓ CASE	✓ PAWLICKI	BALLARD	KREUTZER (E)	
GIAMBUSO	✓ SHAO	SPANGLER	LEE (L)	PLANS
BOYD	✓ STELLO		MAIGRET (L)	MCDONALD
MOORE (L)(LWR-2)	✓ HOUSTON	<u>ENVIRO</u>	REED (E)	CHAPMAN
DEYOUNG (L)(LWR-1)	✓ NOVAK	MULLER	SERVICE (L)	DUBE w/input
SKOVHOLT (L)	✓ ROSS	DICKER	SHEPPARD (L)	E. COUPE
GOLLER (L)	✓ IPPOLITO	KNIGHTON	SLATER (E)	
P. COLLINS	✓ TEDESCO	YOUNGBLOOD	SMITH (L)	✓ D. THOMPSON (2)
DENISE	✓ LONG	REGAN	✓ TEETS (L)	✓ KLECKER
✓ REG OPR	✓ LAINAS	PROJECT MGR	WILLIAMS (E)	✓ EISENHUT
✓ FILE & REGION (2)	✓ BENAROYA		WILSON (L)	
✓ MORRIS	✓ VOLLMER	HARLESS		
✓ STEELE				

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR HARTSVILLE, SC	(1)(2)(10)-NATIONAL LABS	1-PDR-SAN/LA/NY
✓ 1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-BROOKHAVEN NAT LAB
✓ 1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	1-G. ULRIKSON, ORNL
1 - ASLB	1-B&M SWINEBROAD, Rm E-201 GT	1-AGMED (RUTH GUSMAN)
✓ 1 - Newton Anderson	1-CONSULTANTS	1-Rm E-127 GT
✓ 5 - ACRS SENT TO LIC ASST TEETS 8-29-74	NEWMARK/BLUME/AGBABIAN	1-RD. MUELLER, Rm F-2



Carolina Power & Light Company

August 23, 1974

FILE: NG-3513 (R)
NG-3514 (R)

SERIAL: NG-74-1070

Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, N. W.
Atlanta, Georgia 30303

Mr. Edson Case, Acting Director
Directorate of Licensing (Office of Regulation)
U. S. Atomic Energy Commission
Washington, D. C. 20565

H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23
FAILURE OF "B" BORIC ACID TRANSFER PUMP

Dear Sirs:

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

BJF/nlf
Attachment

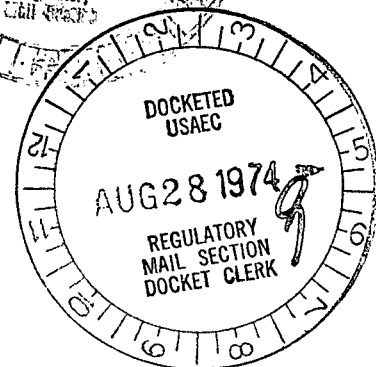
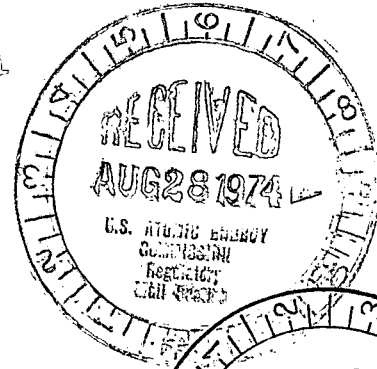
cc: Messrs. N. B. Bessac
W. E. Graham
J. B. McGirt
D. V. Menscer
D. B. Waters

8855

REGULATORY DOCKET FILE COPY

336 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

50-261



ABNORMAL OCCURRENCE REPORT

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

1. Report No. 74-18

2a. August 16, 1974

2b. Occurrence Date

August 15, 1974

3. Facility

H. B. Robinson Unit No. 2

4. Identification of Occurrence

Failure of "B" Boric Acid transfer pump constituting an abnormal occurrence as defined in Section 1.8.d of the Technical Specifications.

5. Conditions Prior to Occurrence

The plant was operating at 100% nuclear power with 650 MW net load on the generator. "A" Boric Acid Transfer Pump was set up for automatic make up to Reactor Coolant System. "B" Boric Acid Transfer Pump was being operated in performance of PT-7.1 (Boric Acid Blender Control, Valve and Pump Operation).

6. Description of Occurrence

At 1825 on August 15, 1974 in accordance with the test being run on "B" Boric Acid Pump, the following conditions occurred. The pump was stopped at 1825 as stated. After a 3-minute wait, the operator attempted to restart the pump and the breaker tripped. The breaker was reset and attempted to start a second and third time, each time it immediately tripped. The pump was secured and declared inoperable at 1840 hours. At this time it was verified that the "A" Boric Acid Transfer Pump was operable.

7. Designation of Apparent Cause of Occurrence

The pump motor was checked electrically and found to be sound, therefore, it was apparent the problem was of a mechanical nature. Investigation proved the pump shaft had broken.

8. Analysis of Occurrence

Immediately it was determined that the pump would not meet its intended function. As the "A" Boric Acid transfer was operable the System Capability was not impaired, therefore, plant operation at full power was continued.

9. Corrective Action

The "B" Boric Acid Transfer Pump was replaced with a spare pump from stock and returned to service at 2304 hours on August 15, 1974. The pump that failed will be rebuilt with certified parts and returned to stock.

10. Failure Data

8-15-73 Pump failed due to broken shaft in vicinity of shaft key.

12-4-73 Ditto

3-20-74 Ditto

8-8-74 Ditto

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