

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: **13175**

FILE: INCIDENT REPORT FILE

| | | | | | | | | |
|---|-----------------|-----------|-------------------------|------------------------|-----------|--|-----|-------|
| FROM: Carolina Pwr & Light Co Raleigh, NC NB Bessac | | | DATE OF DOC 11-13-75 | DATE REC'D 11-18-75 | LTR XX | TWX | RPT | OTHER |
| TO: Mr Moseley | | | ORIG none signedc | CC | OTHER | SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u> | | |
| CLASS | UNCLASS XXXX | PROP INFO | INPUT | NO CYS REC'D 1 | | DOCKET NO: 50-261 | | |

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Abnormal Occurrence #75-18 on 11-2-75 concerning failure of A Auxiliary Feedwater Pump to start following safety injection signal during periodic testing.....(1 cy encl rec'd)

PLANT NAME:

Robinson #2

FOR ACTION/INFORMATION

11-20-75

ehf

| | | | |
|-------------------------|----------------------------|-----------------------------|------------------------|
| 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 | LEAR (L) W/ Copies |
| PARR (L) W/ Copies | VASSALLO (L) W/ Copies | KNIGHTON (E) W/ Copies | SPELS W/ Copies |
| KNIEL (L) W/ Copies | PURPLE (L) W/ Copies | YOUNGBLOOD (E) W/ Copies | W/ Copies |

Reid (3)

INTERNAL DISTRIBUTION

| | | | | |
|---|---|--|--|---|
| REG FILE NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MIPC/PE (3) STEELE | TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO **STELLO **HOUSTON **NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER | DENTON **GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS | LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUSHBROOK (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN (E) | A/T IND BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON F. WILLIAMS HANAUER |
|---|---|--|--|---|

EXTERNAL DISTRIBUTION

| | | |
|---|--------------------------------|---|
| 1 - LOCAL PDR <i>Hartsville, S.C.</i> | 1 - NATIONAL LABS | 1 - PDR-SAN/LA/NY |
| 1 - TIC (ABERNATHY) (1)(2)(10) | 1 - W. PENNINGTON, Rm E-201 GT | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (BUCHANAN) | 1 - CONSULTANTS | 1 - G. ULRIKSON, ORNL |
| 1 - ASLB | NEWMARK/BLUME/AGBABIAN | 1 - AGMED (RUTH GUSSMAN) Rm B-127 GT |
| 1 - Newton Anderson | | 1 - J. D. RUNKLES, Rm E-201 GT |
| 5 - ACRS SENT TO LIC ASST <i>Ingram</i> | | |
| ** SEND ONLY TEN DAY REPORTS | | |

JBY

CP&L

Carolina Power & Light Company

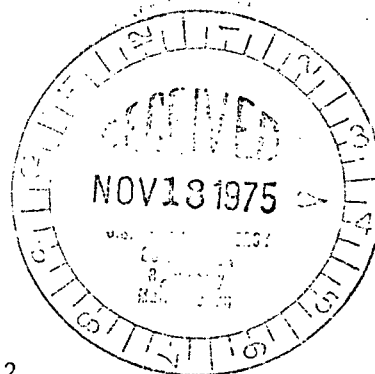
November 13, 1975

REGULATORY DOCKET FILE COPY

File: NG-3513 (R)

Serial: NG-75-2017

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 UNIT NO. 2
LICENSE NO. DPR-23
FAILURE OF "A" AUXILIARY FEEDWATER PUMP TO
START FOLLOWING SAFETY INJECTION SIGNAL

In accordance with 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 requirement 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, Revision 1.

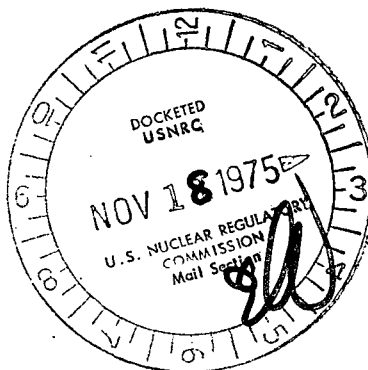
Yours very truly,

N. B. Bessac
N. B. Bessac

Manager
Nuclear Generation

DBW:mc
Attachment

cc: Messrs. D. C. Knuth
W. G. McDonald



13175

ABNORMAL OCCURRENCE REPORT

1. Report No. 50-261/75-18
- 2a. Report Date November 6, 1975
- 2b. Occurrence Date November 2, 1975
3. Facility H. B. Robinson Unit No. 2
Hartsville, South Carolina 29550

4. Identification of Occurrence

Failure of "A" Auxiliary Feedwater Pump to start following a Safety Injection (S.I.) signal during performance of a periodic test to verify S.I. safety component sequencing. This failure constitutes an abnormal occurrence as defined in Plant Technical Specifications, Paragraph 1.8.d.

5. Conditions Prior to Occurrence

The plant was in cold shutdown condition and proceeding to refueling shutdown condition. Preparations were complete for a periodic test to verify the time sequence for S.I. component starting.

6. Description of Occurrence

At 2304 hours, Safety Injection was manually initiated from the RTGB (Reactor-Turbine Generator Board) in accordance with Periodic Test CPL-PT-2.1, Safety Injection Test. Both "A" and "B" Auxiliary Feedwater Pumps start last in the sequence at approximately 40 seconds after initiation. However, "A" pump failed to start in the test.

7. Designation of Apparent Cause

An attempt to start "A" Auxiliary Feedwater Pump from the RTGB failed. Attempts to operate the pump at the local control station resulted in erratic starting. It was, therefore, believed that the problem might exist in the LOCAL/REMOTE switch at the local control station. When the switch was disassembled, it was discovered that three sets of contacts were tarnished. One set of tarnished contacts carried control power to the RTGB. The contacts were cleaned and the pump was operated satisfactorily.

8. Analysis of Occurrence

The failure was traced to the LOCAL/REMOTE switch at the pump's local control panel. The switch was repaired and "A" Auxiliary Feedwater Pump was tested and returned to service. Plant safety was in no way jeopardized, and no limiting conditions for operation were violated. No personnel injuries, undue exposures, releases of radioactive materials, or threat to the public health and safety resulted from this occurrence.

9. Corrective Action

"A" Auxiliary Feedwater pump was returned to service following cleaning of the contacts within the LOCAL/REMOTE switch. The excessive tarnishing of contacts is believed to have occurred as a result of high humidity within the Auxiliary Feedwater Pump room. A further investigation of this cause of failure and possible preventive action is underway.

10. Failure Data

No previous similar failure of this nature has occurred.

Nameplate Data for Switch: Westinghouse - W2
600V/20A
Continuous Style
Rotary Switch