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CONTROL NO: 13270FILE: INCIDENT REPORT FILE

FROM: Carolina Power & Light Raleigh, N.C. N.B. Bessac			DATE OF DOC 11-13-75	DATE REC'D 11-21-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley			ORIG 1-signed	CC	OTHER	SENT AEC PDR xxx SENT LOCAL PDR xxx		
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-261		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

ACKNOWLEDGED

Abnormal Occurrence #75-18 on 11-2-75 concerning 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

PLANT NAME:

H.B. Robinson #2

FOR ACTION/INFORMATION

11-267u5 JGB

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** SEND ONLY TEN DAY REPORTS		



Carolina Power & Light Company

Regulatory

File Cx

November 13, 1975

File: NG-3513 (R)

Serial: NG-75-2017

50 - 261

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.

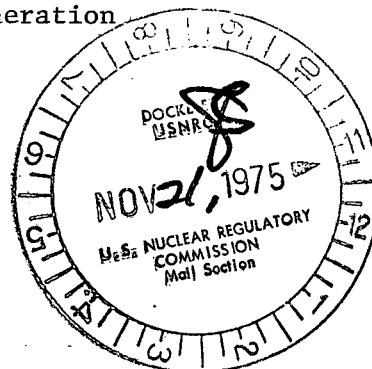
Yours very truly,


N. B. Bessac

Manager
Nuclear Generation

DBW:mc
Attachment

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



13270

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