

B 5/15/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL 50-261

REC: OREILLY J P  
NRC

ORG: BANKS H R  
CAROLINA PWR & LIGHT

DOC DATE: 05/09/78  
DATE RCVD: 05/12/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-261/78-008) ON 04/10/78 CONCERNING  
WHILE PERFORMING PERIODIC TEST 23.1, INCLUDING FULL LOAD TEST OF THE  
EMERGENCY DIESEL GENERATOR, LOAD FAILED TO INCREASE ABOVE 900 KW. COMMUTATOR  
BRUSH CAP & BRUSH CAME OUT OF DIESEL GENERATOR GOVERNOR MOTOR APPARENTLY  
FROM VIBRATION

PLANT NAME: H B ROBINSON - UNIT 2

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL: *dy*

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF SCHWENCER\*\*W/4 ENCL

INTERNAL:

REG FILE\*\*W/ENCL  
I & E\*\*W/2 ENCL  
SCHROEDER/IPPOLITO\*\*W/ENCL  
NOVAK/CHECK\*\*W/ENCL  
KNIGHT\*\*W/ENCL  
HANAUER\*\*W/ENCL  
EISENHUT\*\*W/ENCL  
SHAD\*\*W/ENCL  
KREGER/J. COLLINS\*\*W/ENCL  
K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/3 ENCL  
HOUSTON\*\*W/ENCL  
EEB\*\*W/ENCL  
BUTLER\*\*W/ENCL  
TEDESCO\*\*W/ENCL  
BAER\*\*W/ENCL  
VOLLMER/BUNCH\*\*W/ENCL  
ROSA\*\*W/ENCL

EXTERNAL:

LPDR/S  
HARTSVILLE, SC\*\*W/ENCL  
TIC\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45  
SIZE: 1P+1P+1P

CONTROL NBR: 781320055

\*\*\*\*\* THE END \*\*\*\*\*



Carolina Power & Light Company

DOCKET FILE COPY

May 9, 1978

FILE: NG-3516 (R)

SERIAL: GD-78-1302

Mr. James P. O'Reilly, Director  
U. S. Nuclear Regulatory Commission  
Region II, Suite 1217  
230 Peachtree Street, N.W.  
Atlanta, Georgia 30303

US NRC  
DIST. SECTION SERVICES  
BRANCH

1978 MAY 12 PM 12 13

RECEIVED DISTRIBUTION  
SERVICES UNIT

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 78-08

Dear Mr. O'Reilly:

In accordance with Section 6.9.2.b of the Technical Specifications for the H. B. Robinson Steam Electric Plant, Unit 2, the attached Licensee Event Report is submitted. This report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-0161, July, 1977.

Yours very truly,

H. R. Banks  
Manager

Nuclear Generation

DCS:dcj

Attachment

cc: Messrs. R. A. Hartfield  
E. Volgenau

781320055

A002  
5/11

# LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

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7 8

REPORT SOURCE

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60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

SYSTEM CODE E E (11)		CAUSE CODE E (12)		CAUSE SUBCODE X (13)		COMPONENT CODE M O T O R X (14)		COMP. SUBCODE Z (15)		VALVE SUBCODE Z (16)	
EVENT YEAR 7 8 (21) 22		SEQUENTIAL REPORT NO. 0 0 8 (24) 26		OCCURRENCE CODE 0 3 (28) 29		REPORT TYPE L (30) 31		REVISION NO. 0 (32)			
ACTION TAKEN A (18) 33		FUTURE ACTION X (19) 34		EFFECT ON PLANT Z (20) 35		SHUTDOWN METHOD Z (21) 36		HOURS 0 0 0 0 (22) 40		ATTACHMENT SUBMITTED Y (23) 41	
NPRD-4 FORM SUB. Y (24) 42		PRIME COMP. SUPPLIER X (25) 43		COMPONENT MANUFACTURER B 3 3 8 (26) 47							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	G	28	0	0	0	29	NA	30
ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		Operator Observation	
1	6	Z	33	Z	34	NA	35	NA	36
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION			
1	7	0	0	0	37	Z	38	NA	39
PERSONNEL INJURIES		NUMBER		DESCRIPTION					
1	8	0	0	0	40		41	NA	42
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION					
1	9	Z	42		43	NA	44	NA	45
PUBLCITY		ISSUED		DESCRIPTION				NRC USE ONLY	
2	0	Z	44		45	NA	46	NA	47

PHONE: (803) 332-1351

Supplemental Information  
For  
Reportable Occurrence 78-08

1. Report No.: 50-261/78-08
- 2a. Report Date:
- 2b. Occurrence Date: April 10, 1978
3. Facility: H. B. Robinson Unit No. 2, Hartsville, South Carolina 29550
4. Identification of Occurrence: At 1853 hours on April 10, 1978, while being test operated, "A" Diesel Generator increased load to 900 KW but would not respond to any further change. The event was not a violation of Technical Specifications but does constitute a reportable occurrence per Paragraph 6.9.2.b.(2).
5. Conditions Prior to the Occurrence: The plant was in a hot shutdown condition following a refueling outage.
6. Description of the Occurrence: At 1853 hours on April 10, 1978, with the plant in a hot shutdown condition and "A" Diesel Generator being test operated, generator load was being increased to 2500 KW in accordance with a bi-weekly periodic test. At 900 KW, load could not be changed further, neither up nor down. The operator immediately inspected the diesel generator and found a commutator brush that had fallen out of the governor speed changer motor. The brush was installed back in the motor and "A" Diesel Generator load test was completed satisfactorily.
7. Designation of Apparent Cause of Occurrence: The commutator brush cap and brush had apparently loosened from vibration and had fallen out which disabled the governor speed changer motor.
8. Analysis of Occurrence: The "A" Diesel Generator could not be loaded due to the governor speed changer motor being disabled. This affects the diesel generator when operating in parallel but would not have prevented it from accepting load under a black plant condition.
9. Corrective Action: This motor will be placed on the routine maintenance schedule for quarterly inspections.
10. Failure Data: This is the first occurrence of this nature.