

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-261

REC: GOLLER K R
NRC

ORG: UTLEY E E
CAROLINA PWR & LIGHT

DOCDATE: 01/13/78
DATE RCVD: 02/16/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

RESPONSE TO NRC'S LTR, RECEIVED 01/24/78... FURNISHING APPLICANT'S
RESPONSE TO REVISED PAGES FOR NRC'S STANDBY DIESEL GENERATOR
QUESTIONNAIRE.

PLANT NAME: H B ROBINSON - UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL:

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

RELIABILITY OF STANDBY DIESEL GENERATOR UNITS.
(DISTRIBUTION CODE A014)

FOR ACTION: BRANCH CHIEF SCHWENCER**W/3 ENC

INTERNAL:

~~REG FEE**W/ENCL~~

~~T&E**W/2 ENCL~~

HANAUER**W/ENCL

F CLEMENSON**W/ENCL

NRC PDR**W/ENCL

OELD**W/ENCL

F ROSA**W/ENCL

DIS SER BR-MC**W/ENCL

EXTERNAL:

LPDR'S

HARTSVILLE, SC**W/ENCL

TIC**W/ENCL

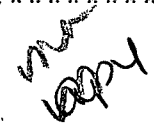
NSIC**W/ENCL

ACRS CAT B**W/10 ENCL

DISTRIBUTION: LTR 25 ENCL 25
SIZE: 1P+2P

CONTROL NBR: 780480228

THE END



CP&L

Carolina Power & Light Company

REGULATORY DOCKET FILE COPY

February 13, 1978

FILE: NG 3514(R)

SERIAL: GD-78-406

Office of Nuclear Reactor Regulation
ATTN: Karl R. Goller, Assistant Director
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555




H. B. ROBINSON STEAM ELECTRIC PLANT UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
RESPONSE TO REVISED DIESEL GENERATOR QUESTIONNAIRE

Dear Mr. Goller:

Your letter, received January 24, 1978, transmitted revised pages for your standby diesel generator questionnaire. Attached you will find Carolina Power & Light Company's response on the revised pages. In addition, one item which was inadvertently left out of our earlier submittal, has been included on revised Page 17.

Yours very truly,


E. E. Utley
Senior Vice President
Power Supply

JAM/mf
Enclosure

780480228

A014
S
1/1

2. Give usual time intervals as follows:

- a. Time from start-to-crank to first firing of any cylinder. UN seconds
- b. Time from start-to-crank to approximate full firing of all cylinders. UN seconds

3. Give maximum speed surge when starting; use both tachometer and frequency meter if possible.

- a. Usual conditions N/A rpm
> 62 Hz
- b. Maximum observed N/A rpm
> 62 Hz

4. During a surveillance test, give time from start-to-crank to when steady synchronous speed is attained and maintained.

- a. Usual 8 seconds
- b. Maximum 9 seconds
- c. As specified 10 seconds.

5. Give briefly the most troublesome problems in starting.

- a. Most troublesome Fuel Injectors.
- b. Next to most troublesome Crank case pressure trips.
This trip is now blocked on emergency.

P. Air Cleaner or Air Filter - Combustion Air

1. Combustion air source: taken from engine room or inside the building, or from outdoors?

- a. Indoors N/A
- b. Outdoors X

2. Give type and make of air cleaners or air filters:

- a. Oil bath N/A Make N/A
- b. Oil wetted screen N/A Make N/A
- c. Paper N/A Make N/A
- d. Other Fiber Make Burgess-Manning
- e. Precleaner: Yes No X

3. Excessive air flow restriction and servicing need determined by?

a. Instrument such as:

manometer No

If other give type N/A

b. Personal judgement by appearance, etc. Yes

c. By smoking exhaust No

d. Time schedule No

e. Other (Specify) N/A

4. Are climatic extremes normally experienced such as:

a. Air heavily loaded with water mist, high humidity and low temperature? Yes No X

b. Blowing sand and dust? Yes No X

c. Blowing snow (blizzards)? Yes No X

d. Other-Name N/A

5. Are climatic extremes potentially possible such as:

a. Air heavily loaded with water mist, high humidity and low temperature? Yes X No

b. Blowing sand and dust? Yes X No

c. Blowing snow (blizzards)? Yes X No

d. Other-Name N/A

Q. Temperature Conditions

1. Ambient outside hottest 104 °F.

2. Ambient outside coldest 10 °F.

3. Engine-generator room hottest 105 °F.

4. Engine-generator room coldest 55 °F.

5. Inside switch gear hottest 105 °F

6. Inside voltage regulator or ambient near voltage regulator hottest 105 °F

7. Ambient at exciter hottest 105 °F

RECEIVED DOCUMENT
CONTROL DESK

1978 FEB 16 AM 9 19

U.S. NRC
DISTRIBUTION SERVICES
BRANCH