



**Florida
Power**
CORPORATION

Enclosure 3

18 January, 1978
3-0-3-a-3



Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Attached Standby Diesel Generator Reliability Study is submitted in accordance with US NRC correspondence from Mr. Karl R. Goller, Assistant Director for Operating Reactors, Division of Operating Reactors, dated December 15, 1977.

Follow-up correspondence will be submitted for those entries on the questionnaire which were unable to be answered because data was not available by January 20, 1978.

Very truly yours,

Guy P. Beatty, Jr.
Guy P. Beatty, Jr.
Nuclear Plant Manager

JNK/tb

attachments

cc: P. F. McKee

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PDR ADOCK 05000302
F PDR

CRYSTAL RIVER NUCLEAR PLANT P.O. BOX 1228, CRYSTAL RIVER, FLA. 32629

A014/S
1/1
HEX TO
HEAD

- X. 1. Give the accumulated time-load operating record for each diesel-generator unit from installation to the present (Running Hours):

Preoperational test Date _____

: Engine :	: Surv. Testing & :	: Emergency :	: Total :
: Serial No. :	: Maintenance Hrs. :	: and Other :	: Hours :
:	: No Load : Loaded :	: Service Hrs. :	:
: 38D871033 :	: 50.5 KWH :	: UN :	: 143.6 :
: TDSM 12 :	: UN :	:	:
: 38D871036 :	: 52.0 KWH :	: UN :	: 141.7 :
: TDSM 12 :	: UN :	:	:
:	: Total :	:	:
:	: Generated: :	:	:
:	: KWH :	:	:
:	:	:	:
:	:	:	:
:	:	:	:

2. Surveillance test load (percent of continuous rating) \geq 100%

3. Give the projected or planned time-load operation for each diesel-generator unit during the next 12 months.

: Surveillance & :	: Emergency :	: Total :	: PER :
: Maintenance Hrs. :	: and other :	: Hours :	: GENERATOR :
:	: Service Hrs. :	:	:
: 50 :	: UN :	: 50 :	:
:	:	:	:
:	:	:	:

4. Provide the following summary of the periodic surveillance testing experience:

- a. Starting date of surveillance testing (OL date) 12/30/76
b. Periodic test interval Monthly
c. Total number of surveillance tests performed ~ 19 per diesel
d. Total number of test failures 5

failure to start 5 failure to accept load 0
failure to carry load 0 failures due to operator error 0
failure due to equipment not being operative during emergency conditions 0

- e. Supply a copy of the surveillance test procedures with this completed questionnaire.