



Entergy Operations, Inc.
P.O. Box B
Killonia, LA 70066
Tel 504 739 6242

James J. Fisicaro
Director,
Nuclear Safety
Waterford 3

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PR

December 13, 1996

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Monthly Operating Report

Gentlemen:

Attached is the subject monthly report which covers the operating statistics for the month of November, 1996. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Very truly yours,

J.J. Fisicaro
Director
Nuclear Safety

JJF/DFL/ssf
Attachment

cc: L.J. Callan, NRC Region IV
C.P. Patel, NRC-NRR
R.B. McGehee
N.S. Reynolds
F. Yost (Utility Data Institute, Inc.)
J.T. Wheelock (INPO Records Center)
NRC Resident Inspectors Office

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**NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for November, 1996**

The unit experienced no shutdowns and one (1) significant power reduction during the reporting period resulting in an average power level of 95.4%.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for November, 1996**

There were no pressurizer safety valve failures or challenges experienced during the month

OPERATING DATA REPORT

DOCKET NUMBER : 50-382
 UNIT NAME : WATERFORD 3
 DATE OF REPORT : December 9, 1996
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 464-3352

OPERATING STATUS

1. Reporting Period	: <u>November, 1996</u>
Gross Hours in Reporting Period	: <u>720</u>
2. Currently Authorized Power Level (MWt)	: <u>3,390</u>
Maximum Dependable Capacity (Net MWe)	: <u>1,075</u>
Design Electrical Rating (Net MWe)	: <u>1,104</u>
3. Power Level to which Restricted (if any) (Net MWe)	: <u>N/A</u>
4. Reason for Restriction (if any)	: <u>N/A</u>

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	720.0	7,527.5	83,560.1
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	720.0	7,494.3	82,580.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,328,211	25,241,999	273,938,439
10. Gross Electrical Energy Generated (MWH)	783,630	8,493,520	91,351,890
11. Net Electrical Energy Generated (MWH)	750,570	8,126,789	87,132,604
12. Reactor Service Factor	100.0	93.6	65.2
13. Reactor Availability Factor	100.0	93.6	85.2
14. Unit Service Factor	100.0	93.2	84.2
15. Unit Availability Factor	100.0	93.2	84.2
16. Unit Capacity Factor (using MDC)	97.0	94.0	82.7
17. Unit Capacity Factor (using DER)	94.4	91.6	80.5
18. Unit Forced Outage Rate	0.0	6.8	3.8

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OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :

REFUEL - April 11, 1997 - 34 days

20. If Shutdown at end of report period, estimated date of startup :

N/A

21. Unit is in Commercial Operation.

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>720</u>	<u>8,040</u>	<u>98,065</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>545.7</u>	<u>3,218.9</u>
24. Nameplate Rating (Gross MWe) :	<u>1,200</u>		
Max. Dependable Capacity (Gross MWe) :	<u>1,120</u>		

25. If changes occur in capacity ratings (Items 2 and 24) since the last report, give the reasons :

N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : December 9, 1996
COMPLETED BY : D. S. Freeman
TELEPHONE : (504) 464-3352

Reporting Period : November, 1996

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,089</u>	16	<u>1,091</u>
2	<u>1,089</u>	17	<u>1,091</u>
3	<u>1,089</u>	18	<u>1,091</u>
4	<u>1,089</u>	19	<u>1,090</u>
5	<u>1,089</u>	20	<u>1,090</u>
6	<u>1,086</u>	21	<u>720</u>
7	<u>1,087</u>	22	<u>654</u>
8	<u>1,090</u>	23	<u>656</u>
9	<u>1,090</u>	24	<u>811</u>
10	<u>1,090</u>	25	<u>1,096</u>
11	<u>1,091</u>	26	<u>1,107</u>
12	<u>1,091</u>	27	<u>1,109</u>
13	<u>1,091</u>	28	<u>1,109</u>
14	<u>1,090</u>	29	<u>1,109</u>
15	<u>1,090</u>	30	<u>1,110</u>

INSTRUCTIONS :

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NUMBER : 50-382
 UNIT NAME : WATERFORD 3
 DATE OF REPORT : December 9, 1996
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 464-3352

REPORTING PERIOD : November, 1996

Number	Date (yymmdd)	* Type	Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
96-03	961121	F	96.1	A	5	Power level was reduced to 60% to take the 'B' SGFP (Steam Generator Feed Pump) out of service due to bearing temperatures trending high. Bearing damage occurred while shutting down pump. Sludge build-up in the lube oil lines and on bearing were inhibiting bearing lubrication. Lines were cleaned, sludge removed, and bearings were changed out. Refer to CR-96-1825 for additional details.

*
TYPE

- F - Forced
- S - Scheduled

**
REASON

- A - Equipment Failure (explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training and License Examination
- F - Administrative
- G - Operational Error (explain)
- H - Other (explain)

METHOD

- 1 - Manual
- 2 - Manual Scram
- 3 - Automatic Scram
- 4 - Continuation from Previous Period
- 5 - Power Reduction
- 6 - Other (explain)