



**Entergy
Operations**

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W3F1-97-0001
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PR

January 15, 1997

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 December, 1996. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

It has been recently discovered that information submitted in the monthly operating reports for August, 1996 through November, 1996 is in need of correction. An alternate reactor power indication (FWBSCAL) was utilized while investigating problems with the primary indication (MSBSCAL). This was initiated on August 22nd, and the primary indication was not restored until November 24th (reference Condition Report 96-1299). FWBSCAL, which was in use for approximately 95 days, was overly conservative by approximately 1.7%. An adjustment has thus been made to the reported thermal generation and average power level data for the affected months and is provided in the table below. The Corrected Table is displayed for the entire year, including Year-To-Dates and Cumulatives, for full clarification of the affected data.

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Monthly Operating Report

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MONTH	ORIGINALLY REPORTED MWHth	CORRECTED			Average Pwr Lvl
		THERMAL CURRENT MONTH	GENERATION (MWHth) YEAR-TO- DATE	CUMULATIVE	
JANUARY	2,517,086	2,517,086	2,517,086	251,213,527	99.8
FEBRUARY	2,357,937	2,357,937	4,875,023	253,571,464	99.9
MARCH	2,516,925	2,516,925	7,391,948	256,088,389	99.8
APRIL	2,436,647	2,436,647	9,828,595	258,525,036	100.0
MAY	2,326,692	2,326,692	12,155,287	260,851,728	92.3
JUNE	2,440,018	2,440,018	14,595,305	263,291,746	100.0
JULY	1,247,706	1,247,706	15,843,011	264,539,452	49.5
AUGUST	2,118,782	* 2,105,079	17,948,090	266,644,531	83.5
SEPTEMBER	2,437,808	* 2,396,700	20,344,790	269,041,231	98.2
OCTOBER	2,514,187	* 2,471,709	22,816,499	271,512,940	97.9
NOVEMBER	2,328,211	* 2,295,324	25,111,823	273,808,264	94.0
DECEMBER	2,449,101	2,449,101	27,560,924	276,257,365	97.1

Adjusted months are BOLD and
marked (*).

Should you have any questions regarding the above, please contact David Freeman
at (504) 739-3352.

Very truly yours,



T.J. Gaudet
Acting - Director
Nuclear Safety & Regulatory Affairs

TJG/DFL/ssf
Attachment

cc: E.W. Merschoff (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

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

The unit experienced no shutdowns and one (1) significant power reduction during the reporting period resulting in an average power level of 97.1%.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for December, 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 : January 8, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 464-3352

OPERATING STATUS

1. Reporting Period	:	<u>December, 1996</u>
Gross Hours in Reporting Period	:	<u>744</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	<u>744.0</u>	<u>8,271.5</u>	<u>84,304.1</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours Generator was On-line	<u>744.0</u>	<u>8,238.3</u>	<u>83,324.4</u>
8. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. Gross Thermal Energy Generated (MWH)	<u>2,449,101</u>	<u>27,560,924</u>	<u>276,257,365</u>
10. Gross Electrical Energy Generated (MWH)	<u>834,390</u>	<u>9,327,910</u>	<u>92,186,280</u>
11. Net Electrical Energy Generated (MWH)	<u>800,057</u>	<u>8,926,846</u>	<u>87,932,661</u>
12. Reactor Service Factor	<u>100.0</u>	<u>94.2</u>	<u>85.3</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>94.2</u>	<u>85.3</u>
14. Unit Service Factor	<u>100.0</u>	<u>93.8</u>	<u>84.3</u>
15. Unit Availability Factor	<u>100.0</u>	<u>93.8</u>	<u>84.3</u>
16. Unit Capacity Factor (using MDC)	<u>100.0</u>	<u>94.5</u>	<u>82.8</u>
17. Unit Capacity Factor (using DER)	<u>97.4</u>	<u>92.1</u>	<u>80.6</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>6.2</u>	<u>3.7</u>

OPERATING DATA REPORT

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UNIT NAME : WATERFORD 3
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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>744</u>	<u>8,784</u>	<u>98,809</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 : January 8, 1997
COMPLETED BY : D. S. Freeman
TELEPHONE : (504) 464-3352

Reporting Period : December, 1996

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,110	16	661
2	1,110	17	972
3	1,110	18	1,100
4	1,110	19	1,060
5	1,096	20	1,108
6	968	21	1,109
7	1,046	22	1,110
8	1,108	23	1,110
9	1,110	24	1,110
10	1,110	25	1,110
11	1,108	26	1,110
12	1,109	27	1,110
13	1,110	28	1,111
14	1,109	29	1,110
15	910	30	1,111
		31	1,111

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 : January 8, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 464-3352

REPORTING PERIOD : December, 1996

<u>Number</u>	<u>Date</u> (yymmdd)	<u>*</u> <u>Type</u>	<u>Duration</u> (Hours)	<u>**</u> <u>Reason</u>	<u>***</u> <u>Shutdown</u> <u>Method</u>	<u>Cause, Comments and</u> <u>Corrective Actions</u>
96-04	961215	S	51.1	B	5	Power reduced to 60% to take the A SGFP (Steam Generator Feed Pump) out of service to inspect for sludge build-up similar to that experienced on the B SGFP in November. Prior to taking the B SGFP off-line for the inspection, the A SGFP was taken off-line to replace a speed-probe on the governor.

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)