



**ENTERGY**

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Director  
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Waterford 3

W3F1-94-0003

A4.05

PR

January 14, 1994

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, 1993. 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,

R.F. Burski  
Director  
Nuclear Safety

RFB/TSB/ssf  
Attachment

cc: J.L. Milhoan, (NRC Region IV), 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

DECEMBER 1993

The unit operated at an average reactor power of 99.8% and experienced no shutdowns or significant power reductions during the period.

PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3

During the month of December 1993, there were no pressurizer safety valve failures or challenges.

OPERATING DATA REPORT

DOCKET NUMBER: 50-382  
 UNIT NAME: WATERFORD 3  
 DATE OF REPORT: JANUARY, 1994  
 COMPLETED BY: E.G. WIEGERT  
 TELEPHONE: 504-739-6446

OPERATING STATUS

1. Reporting Period: December, 1993  
 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 3390  
 Maximum Dependable Capacity (Net MWe): 1075  
 Design Electrical Rating (Net MWe): 1104
3. Power Level to which Restricted (if any) (Net MWe): N/A
4. Reasons for Restriction (if any): N/A  
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	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	<u>744.0</u>	<u>8,707.0</u>	<u>61,100.0</u>
6. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
7. Hours Generator was On-line	<u>744.0</u>	<u>8,692.0</u>	<u>60,288.2</u>
8. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
9. Gross Thermal Energy Generated (MWH)	<u>2,517,986</u>	<u>29,361,424</u>	<u>199,028,477</u>
10. Gross Electrical Energy Generated (MWH)	<u>819,970</u>	<u>9,559,310</u>	<u>66,420,780</u>
11. Net Electrical Energy Generated (MWH)	<u>785,799</u>	<u>9,138,828</u>	<u>63,310,445</u>
12. Reactor Service Factor	<u>100.0</u>	<u>99.4</u>	<u>84.3</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>99.4</u>	<u>84.3</u>
14. Unit Service Factor	<u>100.0</u>	<u>99.2</u>	<u>83.2</u>
15. Unit Availability Factor	<u>100.0</u>	<u>99.2</u>	<u>83.2</u>
16. Unit Capacity Factor (using MDC)	<u>98.2</u>	<u>97.0</u>	<u>81.2</u>
17. Unit Capacity Factor (Using DER)	<u>95.7</u>	<u>94.5</u>	<u>79.1</u>
18. Unit Forced Outage Rate	<u>-0-</u>	<u>0.8</u>	<u>3.5</u>

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OPERATING DATA REPORT (Con't)

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

Refueling - March 4, 1994. Planned duration - 52 days.

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

21. Unit in Commercial Operation

	THIS MONTH	YR TO DATE	CUMULATIVE
22. Hours in Reporting Period	<u>744.0</u>	<u>8,760.0</u>	<u>72,505.0</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>68.0</u>	<u>2,178.7</u>

24. Nameplate Rating (Gross MWe): 1200

25. If Changes Occur in Capacity Ratings (Items Number 2 and 24) Since Last Report,  
 Give Reasons: N/A

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AVERAGE DAILY UNIT POWER LEVEL

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 TELEPHONE: 504-739-6446

MONTH DECEMBER, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)
1	1053	17	1064
2	1033	18	1063
3	1051	19	1064
4	1053	20	1065
5	1051	21	1064
6	1042	22	1063
7	1043	23	1063
8	1050	24	1063
9	1051	25	1063
10	1051	26	1063
11	1053	27	1064
12	1052	28	1064
13	1052	29	1063
14	1052	30	1062
15	1052	31	1062
16	1054		

INSTRUCTIONS

On this format, 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

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REPORT FOR DECEMBER, 1993

<u>Number</u>	<u>Date</u>	Type	<u>Duration</u> (Hours)	<u>Reason (1)</u>	Method of Shutting	<u>Cause, Comments and</u> <u>Corrective Actions</u>
		F = Forced S = Scheduled			Down the Reactor or Reducing Power (2)	
NONE						

(1) 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)

(2) METHOD

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