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Waterford 3

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PR

June 14, 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 May, 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 May, 1996**

The unit operated at an average reactor power level of 92.3% having experienced one reactor trip during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for May, 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 : June 6, 1996
COMPLETED BY : D. S. Freeman
TELEPHONE : (504) 464-3352

OPERATING STATUS

- | | | |
|---|---|------------------|
| 1. Reporting Period | : | <u>May, 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> |

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	710.7	3,613.7	79,646.4
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	685.7	3,588.7	78,674.8
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,326,692	12,155,287	260,851,728
10. Gross Electrical Energy Generated (MWH)	781,560	4,108,830	86,967,200
11. Net Electrical Energy Generated (MWH)	747,772	3,939,976	82,945,791
12. Reactor Service Factor	95.5	99.1	85.0
13. Reactor Availability Factor	95.5	99.1	85.0
14. Unit Service Factor	92.2	98.4	84.0
15. Unit Availability Factor	92.2	98.4	84.0
16. Unit Capacity Factor (using MDC)	93.5	100.5	82.4
17. Unit Capacity Factor (using DER)	91.0	97.9	80.2
18. Unit Forced Outage Rate	7.8	1.6	3.4

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OPERATING STATUS (Cont.)

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

NONE

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>3,647</u>	<u>93,672</u>
23. Unit Forced Outage Hours	<u>58.3</u>	<u>58.3</u>	<u>2,731.5</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 : June 6, 1996
COMPLETED BY : D. S. Freeman
TELEPHONE : (504) 464-3352

Reporting Period : May, 1996

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,106</u>	16	<u>1,103</u>
2	<u>1,106</u>	17	<u>920</u>
3	<u>1,106</u>	18	<u>(41)</u>
4	<u>1,106</u>	19	<u>(43)</u>
5	<u>1,106</u>	20	<u>544</u>
6	<u>1,106</u>	21	<u>1,100</u>
7	<u>1,106</u>	22	<u>1,101</u>
8	<u>1,106</u>	23	<u>1,100</u>
9	<u>1,107</u>	24	<u>1,100</u>
10	<u>1,104</u>	25	<u>1,100</u>
11	<u>1,106</u>	26	<u>1,100</u>
12	<u>1,106</u>	27	<u>1,099</u>
13	<u>1,105</u>	28	<u>1,099</u>
14	<u>1,104</u>	29	<u>1,099</u>
15	<u>1,104</u>	30	<u>1,099</u>
		31	<u>1,096</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 : June 6, 1996
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 464-3352

REPORTING PERIOD : May, 1996

Number	Date (yyymmdd)	* Type	Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
96-01	960517	F	58.3	A	3	Failure of the voltage regulator in the 'A' MG (Motor Generator) Set caused the exciter field current & resulting output voltage to increase. This caused the 'B' MG Set to trip off shortly before the fuse blew on the 'A' MG Set. All power was lost to the CEAs, allowing the CEAs to fully insert, scrambling the reactor. Refer to LER 96-006 for more 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)