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Director  
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Waterford 3

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A4.05  
PR

June 11, 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 May, 1997. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Should you have any questions regarding the above, please contact me at (504) 739-6242 or David Litolff at (504) 739-6693.

Very truly yours,

E.C. Ewing  
Director  
Nuclear Safety & Regulatory Affairs

ECE/DFL/ssf  
Attachment



cc: E.W. Merschhoff (NRC Region IV), C.P. Patel (NRC-NRR),  
J. Smith, 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, 1997**

The unit remained in shutdown for the entire month while continuing Refueling Outage #8.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for May, 1997**

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 5, 1997  
COMPLETED BY : D. S. Freeman  
TELEPHONE : (504) 739-6575

## OPERATING STATUS

1. Reporting Period : May, 1997  
Gross Hours in Reporting Period : 744  
2. Currently Authorized Power Level (MWt) : 3,390  
Maximum Dependable Capacity (Net MWe) : 1,075  
Design Electrical Rating (Net MWe) : 1,104  
3. Power Level to which Restricted (if any) (Net MWe) : N/A  
4. Reason for Restriction (if any) : N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	0.0	2,423.5	86,727.6
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	0.0	2,423.4	85,747.8
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	0	8,201,718	284,459,083
10. Gross Electrical Energy Generated (MWH)	0	2,801,380	94,987,660
11. Net Electrical Energy Generated (MWH)	0	2,682,488	90,615,149
12. Reactor Service Factor	0.0	66.9	84.7
13. Reactor Availability Factor	0.0	66.9	84.7
14. Unit Service Factor	0.0	66.9	83.7
15. Unit Availability Factor	0.0	66.9	83.7
16. Unit Capacity Factor (using MDC)	0.0	68.9	82.3
17. Unit Capacity Factor (using DER)	0.0	67.1	80.1
18. Unit Forced Outage Rate	0.0	0.0	3.6

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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 :

UNKNOWN

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>3,623</u>	<u>102,432</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>0.0</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  
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DATE OF REPORT : June 5, 1997  
COMPLETED BY : D. S. Freeman  
TELEPHONE : (504) 739-6575

Reporting Period : May, 1997

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	(7)	16	(11)
2	(5)	17	(9)
3	(5)	18	(10)
4	(5)	19	(7)
5	(3)	20	(5)
6	(3)	21	(5)
7	(5)	22	(5)
8	(5)	23	(5)
9	(5)	24	(2)
10	(11)	25	(8)
11	(9)	26	(10)
12	(9)	27	(11)
13	(9)	28	(6)
14	(10)	29	(4)
15	(10)	30	(5)
		31	(6)

### 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 5, 1997  
 COMPLETED BY : D. S. Freeman  
 TELEPHONE : (504) 739-6575

REPORTING PERIOD : May, 1997

Number	Date (yymmdd)	* Type	Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
97-01	970412	S	744.0	C	4	Unit removed from service to begin Refuel Outage 8. Outage is continued from the previous period.

## 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)