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Director  
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Waterford 3

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A4.05  
PR

September 14, 1998

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 August 1998. 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 M.K. Brandon at (504) 739-6254.

Very truly yours,

E.C. Ewing  
Director  
Nuclear Safety & Regulatory Affairs

ECE/ALL/rtk  
Attachment

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cc. E.W. Merschoff (NRC Region IV), C.P. Patel (NRC-NRR),  
J. Smith, N.S. Reynolds, B. Lewis (Utility Data Institute, Inc.),  
J.T. Wheelock (INPO Records Center), NRC Resident Inspectors  
Office

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PDR ADOCK 05000382  
R PDR

**NRC MONTHLY OPERATING REPORT  
SUMMARY OF OPERATIONS  
WATERFORD 3  
for August, 1998**

The unit operated at an average reactor power level of 99.96% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for August, 1998**

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 : September 9, 1998  
 COMPLETED BY : D. S. Freeman  
 TELEPHONE : (504) 739-6575

## OPERATING STATUS

1. Reporting Period	:	<u>August, 1998</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>5,790.8</u>	<u>96,333.5</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>5,779.1</u>	<u>95,264.8</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>2,521,163</u>	<u>19,496,562</u>	<u>316,478,173</u>
10. Gross Electrical Energy Generated (MWH)	<u>848,084</u>	<u>6,616,905</u>	<u>105,836,943</u>
11. Net Electrical Energy Generated (MWH)	<u>810,823</u>	<u>6,340,627</u>	<u>100,993,964</u>
12. Reactor Service Factor	<u>100.0</u>	<u>99.3</u>	<u>85.0</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>99.3</u>	<u>85.0</u>
14. Unit Service Factor	<u>100.0</u>	<u>99.1</u>	<u>84.0</u>
15. Unit Availability Factor	<u>100.0</u>	<u>99.1</u>	<u>84.0</u>
16. Unit Capacity Factor (using MDC)	<u>101.4</u>	<u>101.2</u>	<u>82.8</u>
17. Unit Capacity Factor (using DER)	<u>98.7</u>	<u>98.5</u>	<u>80.7</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.9</u>	<u>3.3</u>

# OPERATING DATA REPORT

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DATE OF REPORT : September 9, 1998  
COMPLETED BY : D. S. Freeman  
TELEPHONE : (504) 739-6575

## OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :  
REFUEL OUTAGE #9 - commencing on February 5, 1999 - 40 day outage

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

21. Unit is in Commercial Operation.

	<u>THIS</u> <u>MONTH</u>	<u>YEAR TO</u> <u>DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>744</u>	<u>5,831</u>	<u>113,400</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>51.9</u>	<u>3,270.9</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

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : September 9, 1998  
COMPLETED BY : D. S. Freeman  
TELEPHONE : (504) 739-6575

Reporting Period : August, 1998

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,087</u>	16	<u>1,095</u>
2	<u>1,087</u>	17	<u>1,095</u>
3	<u>1,087</u>	18	<u>1,095</u>
4	<u>1,087</u>	19	<u>1,094</u>
5	<u>1,086</u>	20	<u>1,093</u>
6	<u>1,086</u>	21	<u>1,093</u>
7	<u>1,087</u>	22	<u>1,092</u>
8	<u>1,088</u>	23	<u>1,091</u>
9	<u>1,089</u>	24	<u>1,091</u>
10	<u>1,090</u>	25	<u>1,090</u>
11	<u>1,090</u>	26	<u>1,089</u>
12	<u>1,091</u>	27	<u>1,088</u>
13	<u>1,092</u>	28	<u>1,088</u>
14	<u>1,093</u>	29	<u>1,087</u>
15	<u>1,093</u>	30	<u>1,087</u>
		31	<u>1,085</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 : September 9, 1998  
 COMPLETED BY : D. S. Freeman  
 TELEPHONE : (504) 739-6575

REPORTING PERIOD : August, 1998

Number	Date (yymmdd)	* Type	Outage Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
NONE						

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<p style="text-align: center;">*</p> <p><b><u>TYPE</u></b></p> <p>F - Forced S - Scheduled</p>	<p style="text-align: center;">**</p> <p><b><u>REASON</u></b></p> <p>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)</p>
<p style="text-align: center;">***</p> <p><b><u>METHOD</u></b></p> <p>1 - Manual 2 - Manual Scram 3 - Automatic Scram 4 - Continuation from Previous Period 5 - Power Reduction 6 - Other (explain)</p>	