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Director, Nuclear Safety Assurance  
Waterford 3

W3F1-99-0171  
A4.05  
PR

November 9, 1999

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 report which covers the operating statistics for the month of October, 1999. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

There are no commitments associated with this submittal. Should you have any questions regarding the above, please contact T.M. Manzella at (504) 739-6882.

Very truly yours,

  
E.C. Ewing  
Director,  
Nuclear Safety Assurance

ECE/TMM/rtk  
Attachment

IE24

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

**NRC MONTHLY OPERATING REPORT  
SUMMARY OF OPERATIONS  
WATERFORD 3  
for October, 1999**

The unit operated at an average reactor power level of 99.94% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for October, 1999**

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 : November 3, 1999  
 COMPLETED BY : Bruce E. Meyers  
 TELEPHONE : (504) 739-6426

## OPERATING STATUS

1. Reporting Period : October, 1999  
 Gross Hours in Reporting Period : 745  
 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

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	<u>745.0</u>	<u>5,633.5</u>	<u>104,223.0</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>745.0</u>	<u>5,575.7</u>	<u>103,029.3</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>2,524,076</u>	<u>18,453,203</u>	<u>342,076,301</u>
10. Gross Electrical Energy Generated (MWH)	<u>856,371</u>	<u>6,255,175</u>	<u>114,495,240</u>
11. Net Electrical Energy Generated (MWH)	<u>821,827</u>	<u>5,991,819</u>	<u>109,265,939</u>
12. Reactor Service Factor	<u>100.0</u>	<u>77.2</u>	<u>84.3</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>77.2</u>	<u>84.3</u>
14. Unit Service Factor	<u>100.0</u>	<u>76.4</u>	<u>83.3</u>
15. Unit Availability Factor	<u>100.0</u>	<u>76.4</u>	<u>83.3</u>
16. Unit Capacity Factor (using MDC)	<u>102.6</u>	<u>76.4</u>	<u>82.2</u>
17. Unit Capacity Factor (using DER)	<u>99.9</u>	<u>74.4</u>	<u>80.1</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>11.3</u>	<u>4.3</u>

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## OPERATING STATUS (Cont.)

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

**NONE**

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

**N/A**

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21. Unit is in Commercial Operation.

	<b>THIS MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
22. Hours in Reporting Period	<b>745</b>	<b>7,296</b>	<b>123,625</b>
23. Unit Forced Outage Hours	<b>0.0</b>	<b>713.2</b>	<b>4,676.8</b>
24. Nameplate Rating (Gross MWe) :	<b>1,200</b>		
Max. Dependable Capacity (Gross MWe) :	<b>1,120</b>		

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 : November 3, 1999  
COMPLETED BY : Bruce E. Meyers  
TELEPHONE : (504) 739-6426

Reporting Period : October, 1999

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,098	16	1,103
2	1,103	17	1,103
3	1,102	18	1,104
4	1,102	19	1,103
5	1,101	20	1,104
6	1,100	21	1,105
7	1,100	22	1,106
8	1,103	23	1,106
9	1,098	24	1,107
10	1,102	25	1,107
11	1,103	26	1,107
12	1,103	27	1,107
13	1,098	28	1,107
14	1,092	29	1,107
15	1,103	30	1,106
		31	1,107

### 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. Reflects On-Line Net Generation.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NUMBER : 50-382  
 UNIT NAME : WATERFORD 3  
 DATE OF REPORT : November 3, 1999  
 COMPLETED BY : Bruce E. Meyers  
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : October, 1999

Number	Date (yymmdd)	* Type	Outage	** Reason	*** Shutdown	Cause, Comments and Corrective Actions
			Duration (Hours)		Method	
NA						

## 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)