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A4.05  
PR

April 8, 2003

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 March, 2003. 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,

A handwritten signature in black ink, appearing to read "Robert J. Manzella".

J.A. Ridgel  
Acting Licensing Manager

JAR/TMM/cbh  
Attachment

cc: E.W. Merschoff (NRC Region IV), N. Kalyanam (NRC-NRR),  
J. Smith, N.S. Reynolds, B. Lewis (Platts Energy),  
lerevents@inpo.org - INPO Records Center, NRC Resident  
Inspectors Office

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**NRC MONTHLY OPERATING REPORT  
WATERFORD 3  
for March, 2003**

**SUMMARY OF OPERATIONS**

The unit operated at an average reactor power level of 99.9% during the period.

**PRESSURIZER SAFETY VALVE FAILURES AND CHALLENGES**

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 : April 7, 2003  
 COMPLETED BY : Bruce Meyers  
 TELEPHONE : (504) 739-6426

## OPERATING STATUS

- |   |   |                    |
|---|---|--------------------|
| 1. Reporting Period                                   | : | <u>March, 2003</u> |
| Gross Hours in Reporting Period                       | : | <u>744</u>         |
| 2. Currently Authorized Power Level (MWt)             | : | <u>3,441</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>2,115.1</u>	<u>132,364.3</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>2,062.3</u>	<u>131,024.8</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>2,558,500</u>	<u>7,087,434</u>	<u>436,821,385</u>
10. Gross Electrical Energy Generated (MWH)	<u>858,317</u>	<u>2,369,548</u>	<u>146,399,659</u>
11. Net Electrical Energy Generated (MWH)	<u>823,379</u>	<u>2,274,045</u>	<u>139,854,279</u>
12. Reactor Service Factor	<u>100.0</u>	<u>97.9</u>	<u>86.2</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>97.9</u>	<u>86.2</u>
14. Unit Service Factor	<u>100.0</u>	<u>95.5</u>	<u>85.3</u>
15. Unit Availability Factor	<u>100.0</u>	<u>95.5</u>	<u>85.3</u>
16. Unit Capacity Factor (using MDC)	<u>102.9</u>	<u>97.9</u>	<u>84.7</u>
17. Unit Capacity Factor (using DER)	<u>100.2</u>	<u>95.4</u>	<u>82.5</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>4.5</u>	<u>3.7</u>

# OPERATING DATA REPORT

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UNIT NAME : WATERFORD 3  
DATE OF REPORT : April 7, 2003  
COMPLETED BY : Bruce Meyers  
TELEPHONE : (504) 739-6426

## 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>2,160</u>	<u>153,553</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>97.7</u>	<u>4,995.6</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 : April 7, 2003  
COMPLETED BY : Bruce Meyers  
TELEPHONE : (504) 739-6426

Reporting Period : March, 2003 ( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,108</u>	16	<u>1,108</u>
2	<u>1,108</u>	17	<u>1,108</u>
3	<u>1,109</u>	18	<u>1,108</u>
4	<u>1,108</u>	19	<u>1,106</u>
5	<u>1,108</u>	20	<u>1,102</u>
6	<u>1,107</u>	21	<u>1,104</u>
7	<u>1,107</u>	22	<u>1,105</u>
8	<u>1,109</u>	23	<u>1,104</u>
9	<u>1,109</u>	24	<u>1,104</u>
10	<u>1,108</u>	25	<u>1,105</u>
11	<u>1,107</u>	26	<u>1,100</u>
12	<u>1,107</u>	27	<u>1,106</u>
13	<u>1,105</u>	28	<u>1,109</u>
14	<u>1,106</u>	29	<u>1,109</u>
15	<u>1,108</u>	30	<u>1,109</u>
		31	<u>1,110</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. Reflects On-Line Net Generation.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NUMBER : 50-382  
 UNIT NAME : WATERFORD 3  
 DATE OF REPORT : April 7, 2003  
 COMPLETED BY : Bruce Meyers  
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : March, 2003

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

- 
- |  |   |
|--|---|
| <p style="text-align: center;">*</p> <p><b>TYPE</b></p> <ul style="list-style-type: none"> <li>F - Forced</li> <li>S - Scheduled</li> </ul>  | <p style="text-align: center;">**</p> <p><b>REASON</b></p> <ul style="list-style-type: none"> <li>A - Equipment Failure (explain)</li> <li>B - Maintenance or Test</li> <li>C - Refueling</li> <li>D - Regulatory Restriction</li> <li>E - Operator Training and License Examination</li> <li>F - Administrative</li> <li>G - Operational Error (explain)</li> <li>H - Other (explain)</li> </ul> |
| <p style="text-align: center;">***</p> <p><b>METHOD</b></p> <ul style="list-style-type: none"> <li>1 - Manual</li> <li>2 - Manual Scram</li> <li>3 - Automatic Scram</li> <li>4 - Continuation from Previous Period</li> <li>5 - Power Reduction</li> <li>6 - Other (explain)</li> </ul> |   |