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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 cursive script, 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 : March, 2003  
Gross Hours in Reporting Period : 744  
2. Currently Authorized Power Level (MWt) : 3,441  
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>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>

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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>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 :			
<u>N/A</u>			

## 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

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

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<b>* TYPE</b>	<b>** REASON</b>
F - Forced	A - Equipment Failure (explain)
S - Scheduled	B - Maintenance or Test
	C - Refueling
	D - Regulatory Restriction
	E - Operator Training and License Examination
<b>*** METHOD</b>	F - Administrative
1 - Manual	G - Operational Error (explain)
2 - Manual Scram	H - Other (explain)
3 - Automatic Scram	
4 - Continuation from Previous Period	
5 - Power Reduction	
6 - Other (explain)	