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A4.05  
PR

June 6, 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 May, 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 that reads "G. Sen".

G. Sen  
Licensing Manager

GS/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 May, 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 : June 2, 2003  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

## OPERATING STATUS

1. Reporting Period : May, 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

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	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	744.0	3,578.1	133,827.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	744.0	3,525.3	132,487.8
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,558,445	12,116,143	441,850,094
10. Gross Electrical Energy Generated (MWH)	850,117	4,046,282	148,076,393
11. Net Electrical Energy Generated (MWH)	815,749	3,883,325	141,463,559
12. Reactor Service Factor	100.0	98.8	86.3
13. Reactor Availability Factor	100.0	98.8	86.3
14. Unit Service Factor	100.0	97.3	85.5
15. Unit Availability Factor	100.0	97.3	85.5
16. Unit Capacity Factor (using MDC)	102.0	99.7	84.9
17. Unit Capacity Factor (using DER)	99.3	97.1	82.7
18. Unit Forced Outage Rate	0.0	2.7	3.6

# OPERATING DATA REPORT

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TELEPHONE : (504) 739-6561

## OPERATING STATUS (Cont.)

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

REFUEL OUTAGE #12 - commencing on  
October 17, 2003 - 25 day outage

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>3,623</u>	<u>155,016</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 : June 2, 2003  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : May, 2003

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,093</u>	16	<u>1,092</u>
2	<u>1,092</u>	17	<u>1,095</u>
3	<u>1,105</u>	18	<u>1,097</u>
4	<u>1,105</u>	19	<u>1,098</u>
5	<u>1,096</u>	20	<u>1,099</u>
6	<u>1,103</u>	21	<u>1,098</u>
7	<u>1,093</u>	22	<u>1,101</u>
8	<u>1,093</u>	23	<u>1,099</u>
9	<u>1,092</u>	24	<u>1,100</u>
10	<u>1,092</u>	25	<u>1,100</u>
11	<u>1,092</u>	26	<u>1,099</u>
12	<u>1,091</u>	27	<u>1,101</u>
13	<u>1,092</u>	28	<u>1,099</u>
14	<u>1,092</u>	29	<u>1,084</u>
15	<u>1,095</u>	30	<u>1,095</u>
		31	<u>1,107</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 : June 2, 2003  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : May, 2003

<u>Number</u>	<u>Date</u> (yymmdd)	<u>*</u> <u>Type</u>	<u>Outage</u> <u>Duration</u> (Hours)	<u>**</u> <u>Reason</u>	<u>***</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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<p style="text-align: center;">*</p> <p><b>TYPE</b></p> <p>F - Forced</p> <p>S - Scheduled</p>	<p style="text-align: center;">**</p> <p><b>REASON</b></p> <p>A - Equipment Failure (explain)</p> <p>B - Maintenance or Test</p> <p>C - Refueling</p> <p>D - Regulatory Restriction</p> <p>E - Operator Training and License Examination</p> <p>F - Administrative</p> <p>G - Operational Error (explain)</p> <p>H - Other (explain)</p>
<p style="text-align: center;">***</p> <p><b>METHOD</b></p> <p>1 - Manual</p> <p>2 - Manual Scram</p> <p>3 - Automatic Scram</p> <p>4 - Continuation from Previous Period</p> <p>5 - Power Reduction</p> <p>6 - Other (explain)</p>	