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W3F1-2004-0049

June 15, 2004

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Subject: Monthly Operating Report  
Waterford Steam Electric Station, Unit 3 (Waterford 3)  
Docket No. 50-382  
License No. NPF-38

Dear Sir or Madam:

Attached is the subject report which covers the operating statistics for the month of May 2004. 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 R. J. Pollock at (504) 739-6561.

There are no new commitments contained in this submittal.

Sincerely,

A handwritten signature in black ink that reads "R. Dodds III".

Ralph A. Dodds  
Acting Licensing Manager

RAD/RJP/cbh

Attachment(s)

IE24

cc: Mr. Bruce S. Mallett  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
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**NRC MONTHLY OPERATING REPORT  
WATERFORD 3  
for May, 2004**

**SUMMARY OF OPERATIONS**

The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions 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 8, 2004  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

## OPERATING STATUS

1. Reporting Period : May, 2004  
 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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	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	744.0	3,647.0	141,859.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	744.0	3,634.6	140,464.0
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,556,502	12,492,484	468,859,012
10. Gross Electrical Energy Generated (MWH)	855,945	4,181,303	157,088,541
11. Net Electrical Energy Generated (MWH)	821,172	4,014,452	150,097,812
12. Reactor Service Factor	100.0	100.0	86.6
13. Reactor Availability Factor	100.0	100.0	86.6
14. Unit Service Factor	100.0	99.7	85.8
15. Unit Availability Factor	100.0	99.7	85.8
16. Unit Capacity Factor (using MDC)	102.7	102.4	85.2
17. Unit Capacity Factor (using DER)	100.0	99.7	83.0
18. Unit Forced Outage Rate	0.0	0.3	3.4

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## OPERATING STATUS (Cont.)

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

A planned outage is tentatively scheduled to begin on June 20, 2004 at 24:00 hours. A duration of 119 hours is planned. The reason for the outage is to perform maintenance on Reactor Coolant Pump 1A. The outage start date may change based on plant and system conditions.

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

21. Unit is in Commercial Operation.

	THIS MONTH	YEAR TO DATE	CUMULATIVE
22. Hours in Reporting Period	744	3,647	163,800
23. Unit Forced Outage Hours	0.0	12.4	5,008.1
24. Nameplate Rating (Gross MWe) :	1,200		
Max. Dependable Capacity (Gross MWe) :	1,120		

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 8, 2004  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : May, 2004 ( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,110</u>	16	<u>1,104</u>
2	<u>1,110</u>	17	<u>1,103</u>
3	<u>1,111</u>	18	<u>1,104</u>
4	<u>1,110</u>	19	<u>1,092</u>
5	<u>1,107</u>	20	<u>1,079</u>
6	<u>1,106</u>	21	<u>1,105</u>
7	<u>1,107</u>	22	<u>1,106</u>
8	<u>1,106</u>	23	<u>1,104</u>
9	<u>1,106</u>	24	<u>1,105</u>
10	<u>1,108</u>	25	<u>1,104</u>
11	<u>1,107</u>	26	<u>1,103</u>
12	<u>1,105</u>	27	<u>1,103</u>
13	<u>1,103</u>	28	<u>1,102</u>
14	<u>1,104</u>	29	<u>1,101</u>
15	<u>1,104</u>	30	<u>1,100</u>
		31	<u>1,099</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 8, 2004  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : May, 2004

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

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* TYPE	** REASON
F - Forced S - Scheduled	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)
*** <b>METHOD</b> 1 - Manual 2 - Manual Scram 3 - Automatic Scram 4 - Continuation from Previous Period 5 - Power Reduction 6 - Other (explain)	