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Robert J. Murillo
Licensing Manager, Acting
Waterford 3

W3F1-2005-0035

May 9, 2005

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 April 2005. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38. Please note that beginning in February 2005, Gross Electrical Energy Generated values on line 10 of the report are estimated values. Estimated values are being reported due to watt-meter failures on the Main Generator and the in-house load buses. Net generation was able to be determined by measuring current flows in the off-site switchyard.

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 cursive script, appearing to read "R.J. Murillo".

R.J. Murillo
Acting Licensing Manager

RJM/RJP/
Attachment(s)

IE24

cc: Dr. Bruce S. Mallett
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
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NRC Senior Resident Inspector
Waterford Steam Electric Station Unit 3
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U. S. Nuclear Regulatory Commission
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Washington, DC 20555-0001

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NRC MONTHLY OPERATING REPORT

WATERFORD 3

for April, 2005

SUMMARY OF OPERATIONS

The unit operated at an average reactor power level of 53.2% for the month, having shut down on April 17th to commence Refuel Outage #13 (RFO13).

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 : May 4, 2005
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

OPERATING STATUS

1. Reporting Period : April, 2005
 Gross Hours in Reporting Period : 719

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>383.8</u>	<u>2,543.8</u>	<u>149,540.1</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>383.8</u>	<u>2,543.8</u>	<u>148,144.8</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>1,316,652</u>	<u>8,742,717</u>	<u>495,264,542</u>
10. Gross Electrical Energy Generated (MWH)	<u>442,096</u>	<u>2,923,650</u>	<u>165,896,054</u>
11. Net Electrical Energy Generated (MWH)	<u>424,432</u>	<u>2,806,683</u>	<u>158,544,461</u>
12. Reactor Service Factor	<u>53.4</u>	<u>88.4</u>	<u>87.0</u>
13. Reactor Availability Factor	<u>53.4</u>	<u>88.4</u>	<u>87.0</u>
14. Unit Service Factor	<u>53.4</u>	<u>88.4</u>	<u>86.2</u>
15. Unit Availability Factor	<u>53.4</u>	<u>88.4</u>	<u>86.2</u>
16. Unit Capacity Factor (using MDC)	<u>54.9</u>	<u>90.7</u>	<u>85.8</u>
17. Unit Capacity Factor (using DER)	<u>53.5</u>	<u>88.3</u>	<u>83.6</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>3.3</u>

OPERATING DATA REPORT

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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 : 5/31/2005

21. Unit is in Commercial Operation.

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>719</u>	<u>2,879</u>	<u>171,816</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>0.0</u>	<u>5,008.1</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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : May 4, 2005
COMPLETED BY : Jim Pollock
TELEPHONE : (504) 739-6561

Reporting Period : April, 2005

(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>1,097</u>
2	<u>1,107</u>	17	<u>10</u>
3	<u>1,106</u>	18	<u>0</u>
4	<u>1,109</u>	19	<u>0</u>
5	<u>1,106</u>	20	<u>0</u>
6	<u>1,108</u>	21	<u>0</u>
7	<u>1,107</u>	22	<u>0</u>
8	<u>1,106</u>	23	<u>0</u>
9	<u>1,108</u>	24	<u>0</u>
10	<u>1,110</u>	25	<u>0</u>
11	<u>1,106</u>	26	<u>0</u>
12	<u>1,112</u>	27	<u>0</u>
13	<u>1,112</u>	28	<u>0</u>
14	<u>1,111</u>	29	<u>0</u>
15	<u>1,111</u>	30	<u>0</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 : May 4, 2005
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : April, 2005

<u>Number</u>	<u>Date (yymmdd)</u>	<u>* Type</u>	<u>Outage Duration (Hours)</u>	<u>** Reason</u>	<u>*** Shutdown Method</u>	<u>Cause, Comments and Corrective Actions</u>
05-01	050417	S	335.2	C	1	A normal, uncomplicated plant shutdown was performed in order to conduct scheduled refueling outage 13. The refueling outage is continuing into May 2005.

*
TYPE
 F - Forced
 S - Scheduled

METHOD
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continuation from Previous Period
 5 - Power Reduction
 6 - Other (explain)

**
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)