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17265 River Road
Killona, LA 70057

W3F1-2005-0002

January 10, 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

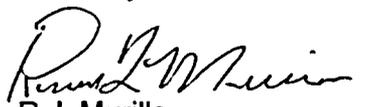
Dear Sir or Madam:

Attached is the subject report which covers the operating statistics for the month of December 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,


R.J. Murillo
Acting Licensing Manager

RJM/RJP/

Attachment(s)

JE24

cc: Dr. Bruce S. Mallett
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U. S. Nuclear Regulatory Commission
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**NRC MONTHLY OPERATING REPORT
WATERFORD 3
for December, 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 : January 5, 2005
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

OPERATING STATUS

1. Reporting Period : December, 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

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	744.0	8,784.0	146,996.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	744.0	8,771.6	145,601.0
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,558,590	30,155,297	486,521,825
10. Gross Electrical Energy Generated (MWH)	857,583	10,065,166	162,972,404
11. Net Electrical Energy Generated (MWH)	823,686	9,654,418	155,737,778
12. Reactor Service Factor	100.0	100.0	87.0
13. Reactor Availability Factor	100.0	100.0	87.0
14. Unit Service Factor	100.0	99.9	86.2
15. Unit Availability Factor	100.0	99.9	86.2
16. Unit Capacity Factor (using MDC)	103.0	102.2	85.8
17. Unit Capacity Factor (using DER)	100.3	99.6	83.5
18. Unit Forced Outage Rate	0.0	0.1	3.3

OPERATING DATA REPORT

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OPERATING STATUS (Cont.)

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

REFUEL OUTAGE #13 - commencing on
April 17, 2005 - 40 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>8,784</u>	<u>168,937</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>12.4</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 : January 5, 2005
COMPLETED BY : Jim Pollock
TELEPHONE : (504) 739-6561

Reporting Period : December, 2004

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,107</u>	16	<u>1,107</u>
2	<u>1,107</u>	17	<u>1,108</u>
3	<u>1,107</u>	18	<u>1,108</u>
4	<u>1,108</u>	19	<u>1,107</u>
5	<u>1,107</u>	20	<u>1,108</u>
6	<u>1,108</u>	21	<u>1,108</u>
7	<u>1,107</u>	22	<u>1,108</u>
8	<u>1,108</u>	23	<u>1,108</u>
9	<u>1,107</u>	24	<u>1,105</u>
10	<u>1,107</u>	25	<u>1,105</u>
11	<u>1,107</u>	26	<u>1,105</u>
12	<u>1,107</u>	27	<u>1,107</u>
13	<u>1,107</u>	28	<u>1,107</u>
14	<u>1,107</u>	29	<u>1,107</u>
15	<u>1,105</u>	30	<u>1,107</u>
		31	<u>1,108</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 : January 5, 2005
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : December, 2004

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

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