



Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70066  
Tel 504 739 6650

---

W3F1-2003-0101

December 8, 2003

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

Subject: Monthly Operating Report – November 2003  
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 November, 2003. 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 T.M. Manzella at (504) 739-6882.

There are no new commitments contained in this submittal.

Sincerely,

G. Sen  
Licensing Manager

GS/TMM/cbh

Attachment(s)

JE24

cc: Mr. Thomas P. Gwynn  
Acting Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

NRC Senior Resident Inspector  
Waterford NPS  
P.O. Box 822  
Killona, LA 70066-0751

U. S. Nuclear Regulatory Commission  
Attn: Mr. N. Kalyanam  
Mail Stop 0-7 D1  
Washington, DC 20555-0001

Wise, Carter, Child & Caraway  
ATTN: J. Smith  
P.O. Box 651  
Jackson, MS 39205

Winston & Strawn  
ATTN: N.S. Reynolds  
1400 L Street, NW  
Washington, DC 20005-3502

Platts Energy  
ATTN: B. Lewis  
1200 G. St., N.W. Suite 1000  
Washington, DC 20005

**[lerevents@inpo.org](mailto:lerevents@inpo.org) - INPO Records Center, NRC Resident Inspectors Office**

**NRC MONTHLY OPERATING REPORT  
WATERFORD 3  
for November, 2003**

**SUMMARY OF OPERATIONS**

Refueling Outage #12 was completed near the end of the month. An average reactor power level of 27.5% was achieved for the time-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 : December 2, 2003  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

## OPERATING STATUS

- |   |   |                       |
|---|---|-----------------------|
| 1. Reporting Period                                   | : | <u>November, 2003</u> |
| Gross Hours in Reporting Period                       | : | <u>720</u>            |
| 2. Currently Authorized Power Level (MWt)             | : | <u>3,441</u>          |
| Maximum Dependable Capacity (Net MWe)                 | : | <u>1,075</u>          |
| Design Electrical Rating (Net MWe)                    | : | <u>1,104</u>          |
| 3. Power Level to which Restricted (if any) (Net MWe) | : | <u>N/A</u>            |
| 4. Reason for Restriction (if any)                    | : | <u>N/A</u>            |

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	<u>257.1</u>	<u>7,219.1</u>	<u>137,468.3</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>213.8</u>	<u>7,123.0</u>	<u>136,085.4</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>680,404</u>	<u>24,074,152</u>	<u>453,808,103</u>
10. Gross Electrical Energy Generated (MWH)	<u>221,127</u>	<u>8,018,364</u>	<u>152,048,475</u>
11. Net Electrical Energy Generated (MWH)	<u>211,147</u>	<u>7,678,256</u>	<u>145,258,490</u>
12. Reactor Service Factor	<u>35.7</u>	<u>90.1</u>	<u>86.2</u>
13. Reactor Availability Factor	<u>35.7</u>	<u>90.1</u>	<u>86.2</u>
14. Unit Service Factor	<u>29.7</u>	<u>88.9</u>	<u>85.4</u>
15. Unit Availability Factor	<u>29.7</u>	<u>88.9</u>	<u>85.4</u>
16. Unit Capacity Factor (using MDC)	<u>27.3</u>	<u>89.1</u>	<u>84.8</u>
17. Unit Capacity Factor (using DER)	<u>26.6</u>	<u>86.8</u>	<u>82.5</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>1.4</u>	<u>3.5</u>

# OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : December 2, 2003  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

## 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</u> <u>MONTH</u>	<u>YEAR TO</u> <u>DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>720</u>	<u>8,016</u>	<u>159,409</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

---

---

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : December 2, 2003  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : November, 2003 ( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>0</u>	16	<u>0</u>
2	<u>0</u>	17	<u>0</u>
3	<u>0</u>	18	<u>0</u>
4	<u>0</u>	19	<u>0</u>
5	<u>0</u>	20	<u>0</u>
6	<u>0</u>	21	<u>0</u>
7	<u>0</u>	22	<u>359</u>
8	<u>0</u>	23	<u>758</u>
9	<u>0</u>	24	<u>1,040</u>
10	<u>0</u>	25	<u>1,103</u>
11	<u>0</u>	26	<u>1,107</u>
12	<u>0</u>	27	<u>1,107</u>
13	<u>0</u>	28	<u>1,108</u>
14	<u>0</u>	29	<u>1,108</u>
15	<u>0</u>	30	<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 : December 2, 2003  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : November, 2003

Number	Date (yyymmdd)	* Type	Outage	** Reason	***	Cause, Comments and Corrective Actions
			Duration (Hours)		Shutdown Method	
03-02	031019	S	506.2	C	4	Continued scheduled Refueling Outage No. 12. Plant placed on electrical grid on November 22, 2003.

---

*	**
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)	