



Entergy

Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057  
Tel 504-739-6650

W3F1-2004-0067

August 5, 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 July 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.A. Dodds  
Licensing Manager

RAD/RJP/

Attachment(s)

IE24

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

NRC Senior Resident Inspector  
Waterford Steam Electric Station Unit 3  
P.O. Box 822  
Killona, LA 70066-0751

U. S. Nuclear Regulatory Commission  
Attn: Mr. N. Kalyanam  
Mail Stop O-07 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 2005

lerevents@inpo.org – INPO Records Center (MOR Only)

# **NRC MONTHLY OPERATING REPORT**

## **WATERFORD 3**

### **for July, 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 : August 2, 2004  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

## OPERATING STATUS

1. Reporting Period	:	<u>July, 2004</u>
Gross Hours in Reporting Period	:	<u>744</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>744.0</u>	<u>5,111.0</u>	<u>143,323.3</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>744.0</u>	<u>5,098.6</u>	<u>141,928.0</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>2,558,700</u>	<u>17,527,359</u>	<u>473,893,887</u>
10. Gross Electrical Energy Generated (MWH)	<u>849,393</u>	<u>5,855,079</u>	<u>158,762,317</u>
11. Net Electrical Energy Generated (MWH)	<u>812,659</u>	<u>5,618,431</u>	<u>151,701,791</u>
12. Reactor Service Factor	<u>100.0</u>	<u>100.0</u>	<u>86.7</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>86.7</u>
14. Unit Service Factor	<u>100.0</u>	<u>99.8</u>	<u>85.9</u>
15. Unit Availability Factor	<u>100.0</u>	<u>99.8</u>	<u>85.9</u>
16. Unit Capacity Factor (using MDC)	<u>101.6</u>	<u>102.3</u>	<u>85.4</u>
17. Unit Capacity Factor (using DER)	<u>98.9</u>	<u>99.6</u>	<u>83.1</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.2</u>	<u>3.4</u>

# OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : August 2, 2004  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

## OPERATING STATUS (Cont.)

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

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>5,111</u>	<u>165,264</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 : August 2, 2004  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : July, 2004 ( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,097</u>	16	<u>1,092</u>
2	<u>1,098</u>	17	<u>1,091</u>
3	<u>1,098</u>	18	<u>1,091</u>
4	<u>1,098</u>	19	<u>1,091</u>
5	<u>1,097</u>	20	<u>1,089</u>
6	<u>1,097</u>	21	<u>1,089</u>
7	<u>1,098</u>	22	<u>1,088</u>
8	<u>1,097</u>	23	<u>1,088</u>
9	<u>1,097</u>	24	<u>1,087</u>
10	<u>1,097</u>	25	<u>1,086</u>
11	<u>1,096</u>	26	<u>1,086</u>
12	<u>1,100</u>	27	<u>1,085</u>
13	<u>1,096</u>	28	<u>1,086</u>
14	<u>1,094</u>	29	<u>1,086</u>
15	<u>1,093</u>	30	<u>1,086</u>
		31	<u>1,087</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 : August 2, 2004  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : July, 2004

<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>
N/A						

<p><b>* TYPE</b></p> <p>F - Forced</p> <p>S - Scheduled</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><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>	