



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

W3F1-2003-0081

October 7, 2003

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

Subject: Monthly Operating Report – September 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 September, 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,

A handwritten signature in cursive script, appearing to read "G. Sen".

G. Sen
Licensing Manager

GS/TMM/cbh

Attachment(s)

IE24

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 - INPO Records Center, NRC Resident Inspectors Office

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

SUMMARY OF OPERATIONS

The unit operated at an average reactor power level of 97.1% 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 : October 2, 2003
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

OPERATING STATUS

1. Reporting Period : September, 2003
 Gross Hours in Reporting Period : 720
 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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	720.0	6,506.1	136,755.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	720.0	6,453.3	135,415.8
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,406,613	22,110,760	451,844,711
10. Gross Electrical Energy Generated (MWH)	802,146	7,371,382	151,401,493
11. Net Electrical Energy Generated (MWH)	766,163	7,062,299	144,642,533
12. Reactor Service Factor	100.0	99.3	86.6
13. Reactor Availability Factor	100.0	99.3	86.6
14. Unit Service Factor	100.0	98.5	85.7
15. Unit Availability Factor	100.0	98.5	85.7
16. Unit Capacity Factor (using MDC)	99.0	100.3	85.2
17. Unit Capacity Factor (using DER)	96.4	97.6	83.0
18. Unit Forced Outage Rate	0.0	1.5	3.6

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 #12 - commencing on
October 19, 2003 - 25 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>720</u>	<u>6,551</u>	<u>157,944</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 :			
<u>N/A</u>			

AVERAGE DAILY UNIT POWER LEVEL

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

Reporting Period : September, 2003

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,084	16	1,094
2	1,085	17	1,095
3	1,085	18	1,092
4	1,084	19	1,086
5	1,021	20	1,076
6	1,072	21	1,063
7	1,087	22	1,053
8	1,088	23	1,046
9	1,089	24	1,039
10	1,093	25	1,028
11	1,092	26	1,019
12	1,092	27	1,015
13	1,093	28	1,002
14	1,096	29	986
15	1,094	30	978

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 : October 2, 2003
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : September, 2003

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

<p>* TYPE</p> <p>F - Forced</p> <p>S - Scheduled</p>	<p>** REASON</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>*** METHOD</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>	