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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 that reads "G. Sen".

G. Sen  
Licensing Manager

GS/TMM/cbh

Attachment(s)

JE24

cc: Mr. Thomas P. Gwynn  
Acting Regional Administrator  
U. S. Nuclear Regulatory Commission  
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**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                                   | : | <u>September, 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>720.0</u>	<u>6,506.1</u>	<u>136,755.3</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>720.0</u>	<u>6,453.3</u>	<u>135,415.8</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>2,406,613</u>	<u>22,110,760</u>	<u>451,844,711</u>
10. Gross Electrical Energy Generated (MWH)	<u>802,146</u>	<u>7,371,382</u>	<u>151,401,493</u>
11. Net Electrical Energy Generated (MWH)	<u>766,163</u>	<u>7,062,299</u>	<u>144,642,533</u>
12. Reactor Service Factor	<u>100.0</u>	<u>99.3</u>	<u>86.6</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>99.3</u>	<u>86.6</u>
14. Unit Service Factor	<u>100.0</u>	<u>98.5</u>	<u>85.7</u>
15. Unit Availability Factor	<u>100.0</u>	<u>98.5</u>	<u>85.7</u>
16. Unit Capacity Factor (using MDC)	<u>99.0</u>	<u>100.3</u>	<u>85.2</u>
17. Unit Capacity Factor (using DER)	<u>96.4</u>	<u>97.6</u>	<u>83.0</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>1.5</u>	<u>3.6</u>

# OPERATING DATA REPORT

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TELEPHONE : (504) 739-6561

## 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 :

N/A

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# 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	<u>1,084</u>	16	<u>1,094</u>
2	<u>1,085</u>	17	<u>1,095</u>
3	<u>1,085</u>	18	<u>1,092</u>
4	<u>1,084</u>	19	<u>1,086</u>
5	<u>1,021</u>	20	<u>1,076</u>
6	<u>1,072</u>	21	<u>1,063</u>
7	<u>1,087</u>	22	<u>1,053</u>
8	<u>1,088</u>	23	<u>1,046</u>
9	<u>1,089</u>	24	<u>1,039</u>
10	<u>1,093</u>	25	<u>1,028</u>
11	<u>1,092</u>	26	<u>1,019</u>
12	<u>1,092</u>	27	<u>1,015</u>
13	<u>1,093</u>	28	<u>1,002</u>
14	<u>1,096</u>	29	<u>986</u>
15	<u>1,094</u>	30	<u>978</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 : October 2, 2003  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : September, 2003

<u>Number</u>	<u>Date</u> (yyymmdd)	<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

*	**
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)	