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W3F1-2003-0072

September 9, 2003

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 August, 2003. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

There are no commitments associated with this submittal. Should you have any questions regarding the above, please contact T.M. Manzella at (504) 739-6882.

Sincerely,

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

G. Sen
Licensing Manager

GS/TMM/cbh
Attachment(s)

IE24

W3F1-2003-0072
Page 2
September 9, 2003

cc: Mr. Thomas P. Gwynn
Acting Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
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U. S. Nuclear Regulatory Commission
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**NRC MONTHLY OPERATING REPORT
WATERFORD 3
for August, 2003**

SUMMARY OF OPERATIONS

The unit operated at an average reactor power level of 99.9% 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 : September 3, 2003
 COMPLETED BY : Jim Pollock
 TELEPHONE : (504) 739-6561

OPERATING STATUS

1. Reporting Period : August, 2003
 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	<u>744.0</u>	<u>5,786.1</u>	<u>136,035.3</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>5,733.3</u>	<u>134,695.8</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>2,558,749</u>	<u>19,704,147</u>	<u>449,438,098</u>
10. Gross Electrical Energy Generated (MWH)	<u>846,623</u>	<u>6,569,236</u>	<u>150,599,347</u>
11. Net Electrical Energy Generated (MWH)	<u>809,434</u>	<u>6,296,136</u>	<u>143,876,370</u>
12. Reactor Service Factor	<u>100.0</u>	<u>99.2</u>	<u>86.5</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>99.2</u>	<u>86.5</u>
14. Unit Service Factor	<u>100.0</u>	<u>98.3</u>	<u>85.7</u>
15. Unit Availability Factor	<u>100.0</u>	<u>98.3</u>	<u>85.7</u>
16. Unit Capacity Factor (using MDC)	<u>101.2</u>	<u>100.4</u>	<u>85.1</u>
17. Unit Capacity Factor (using DER)	<u>98.5</u>	<u>97.8</u>	<u>82.9</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>1.7</u>	<u>3.6</u>

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>744</u>	<u>5,831</u>	<u>157,224</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 : September 3, 2003
COMPLETED BY : Jim Pollock
TELEPHONE : (504) 739-6561

Reporting Period : August, 2003

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,088	16	1,091
2	1,089	17	1,090
3	1,088	18	1,091
4	1,089	19	1,090
5	1,088	20	1,087
6	1,089	21	1,087
7	1,088	22	1,087
8	1,090	23	1,087
9	1,093	24	1,085
10	1,092	25	1,085
11	1,090	26	1,085
12	1,090	27	1,083
13	1,091	28	1,082
14	1,093	29	1,082
15	1,090	30	1,083
		31	1,083

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 : September 3, 2003
COMPLETED BY : Jim Pollock
TELEPHONE : (504) 739-6561

REPORTING PERIOD : August, 2003

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

TYPE

F - Forced
S - Scheduled

REASON

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)