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Waterford 3

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A4.05
PR

January 12, 2000

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

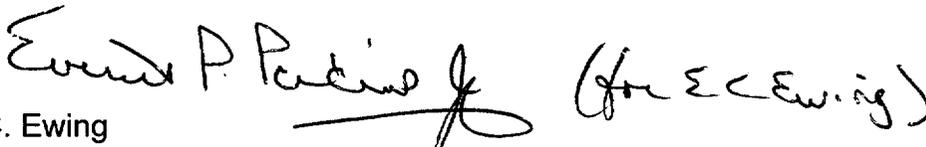
Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Monthly Operating Report

Gentlemen:

The attached report covers the operating statistics for the month of December 1999. 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.

Very truly yours,


E.C. Ewing
Director,
Nuclear Safety Assurance

ECE/TMM/rtk
Attachment

cc: E.W. Merschoff (NRC Region IV), N. Kalyanam (NRC-NRR),
J. Smith, N.S. Reynolds, B. Lewis (Utility Data
Institute, Inc.), P. Lewis (INPO Records Center),
NRC Resident Inspectors Office

FOR ADDL 05W0382

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**NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for December, 1999**

A forced outage which began during the previous month, continued into this month. Power was reduced at end of month as a Y2K mitigation strategy. An average power of 94% was achieved.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for December, 1999**

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 : **January 6, 2000**
 COMPLETED BY : **Bruce E. Meyers**
 TELEPHONE : **(504) 739-6426**

OPERATING STATUS

- | | | |
|-------------------------------------------------------|---|------------------------------|
| 1. Reporting Period | : | <u>December, 1999</u> |
| Gross Hours in Reporting Period | : | <u>744</u> |
| 2. Currently Authorized Power Level (MWt) | : | <u>3,390</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>720.7</u>	<u>6,969.4</u>	<u>105,558.8</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>716.9</u>	<u>6,907.8</u>	<u>104,361.3</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>2,370,546</u>	<u>22,903,883</u>	<u>346,526,981</u>
10. Gross Electrical Energy Generated (MWH)	<u>802,372</u>	<u>7,765,287</u>	<u>116,005,352</u>
11. Net Electrical Energy Generated (MWH)	<u>770,256</u>	<u>7,441,743</u>	<u>110,715,863</u>
12. Reactor Service Factor	<u>96.9</u>	<u>79.6</u>	<u>84.4</u>
13. Reactor Availability Factor	<u>96.9</u>	<u>79.6</u>	<u>84.4</u>
14. Unit Service Factor	<u>96.4</u>	<u>78.9</u>	<u>83.4</u>
15. Unit Availability Factor	<u>96.4</u>	<u>78.9</u>	<u>83.4</u>
16. Unit Capacity Factor (using MDC)	<u>96.3</u>	<u>79.0</u>	<u>82.3</u>
17. Unit Capacity Factor (using DER)	<u>93.8</u>	<u>76.9</u>	<u>80.2</u>
18. Unit Forced Outage Rate	<u>3.6</u>	<u>10.9</u>	<u>4.4</u>

OPERATING DATA REPORT

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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 :

NA

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>8,760</u>	<u>125,089</u>
23. Unit Forced Outage Hours	<u>27.1</u>	<u>845.1</u>	<u>4,808.7</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 : January 6, 2000
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TELEPHONE : (504) 739-6426

Reporting Period : December, 1999

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>0</u>	16	<u>1,105</u>
2	<u>597</u>	17	<u>1,105</u>
3	<u>1,091</u>	18	<u>1,105</u>
4	<u>1,101</u>	19	<u>1,105</u>
5	<u>1,098</u>	20	<u>1,106</u>
6	<u>1,098</u>	21	<u>1,105</u>
7	<u>1,099</u>	22	<u>1,105</u>
8	<u>1,099</u>	23	<u>1,105</u>
9	<u>1,099</u>	24	<u>1,105</u>
10	<u>1,100</u>	25	<u>1,105</u>
11	<u>1,102</u>	26	<u>1,105</u>
12	<u>1,101</u>	27	<u>1,105</u>
13	<u>1,105</u>	28	<u>1,106</u>
14	<u>1,106</u>	29	<u>1,104</u>
15	<u>1,106</u>	30	<u>850</u>
		31	<u>828</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 : **January 6, 2000**
 COMPLETED BY : **Bruce E. Meyers**
 TELEPHONE : **(504) 739-6426**

REPORTING PERIOD : **December, 1999**

Number	Date (yymmdd)	* Type	Outage	** Reason	***	Cause, Comments and Corrective Actions
			Duration (Hours)		Shutdown Method	
99-06	991201	F	27.1	A	4	Continuation of previous shut-down. Plant was returned to power operation on Dec. 2, 1999 at 0305 hours
99-07	991299	S	NA	H	5	Power reduction to approx. 75%. Y2K mitigation tactic.

*	**
<u>TYPE</u>	<u>REASON</u>
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)

<u>METHOD</u>	
1 - Manual 2 - Manual Scram 3 - Automatic Scram 4 - Continuation from Previous Period 5 - Power Reduction 6 - Other (explain)	