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Waterford 3

W3F1-99-0171
A4.05
PR

November 9, 1999

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:

Attached is the subject report which covers the operating statistics for the month of October, 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,

Edward P. Adams J (for E.C. Ewing)

E.C. Ewing
Director,
Nuclear Safety Assurance

ECE/TMM/rtk
Attachment

JE24

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

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

The unit operated at an average reactor power level of 99.94% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for October, 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 : **November 3, 1999**
 COMPLETED BY : **Bruce E. Meyers**
 TELEPHONE : **(504) 739-6426**

OPERATING STATUS

- | | | |
|---|---|----------------------|
| 1. Reporting Period | : | <u>October, 1999</u> |
| Gross Hours in Reporting Period | : | <u>745</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>745.0</u>	<u>5,633.5</u>	<u>104,223.0</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>745.0</u>	<u>5,575.7</u>	<u>103,029.3</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>2,524,076</u>	<u>18,453,203</u>	<u>342,076,301</u>
10. Gross Electrical Energy Generated (MWH)	<u>856,371</u>	<u>6,255,175</u>	<u>114,495,240</u>
11. Net Electrical Energy Generated (MWH)	<u>821,827</u>	<u>5,991,819</u>	<u>109,265,939</u>
12. Reactor Service Factor	<u>100.0</u>	<u>77.2</u>	<u>84.3</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>77.2</u>	<u>84.3</u>
14. Unit Service Factor	<u>100.0</u>	<u>76.4</u>	<u>83.3</u>
15. Unit Availability Factor	<u>100.0</u>	<u>76.4</u>	<u>83.3</u>
16. Unit Capacity Factor (using MDC)	<u>102.6</u>	<u>76.4</u>	<u>82.2</u>
17. Unit Capacity Factor (using DER)	<u>99.9</u>	<u>74.4</u>	<u>80.1</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>11.3</u>	<u>4.3</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 :

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>745</u>	<u>7,296</u>	<u>123,625</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>713.2</u>	<u>4,676.8</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
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TELEPHONE : (504) 739-6426

Reporting Period : October, 1999

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,098</u>	16	<u>1,103</u>
2	<u>1,103</u>	17	<u>1,103</u>
3	<u>1,102</u>	18	<u>1,104</u>
4	<u>1,102</u>	19	<u>1,103</u>
5	<u>1,101</u>	20	<u>1,104</u>
6	<u>1,100</u>	21	<u>1,105</u>
7	<u>1,100</u>	22	<u>1,106</u>
8	<u>1,103</u>	23	<u>1,106</u>
9	<u>1,098</u>	24	<u>1,107</u>
10	<u>1,102</u>	25	<u>1,107</u>
11	<u>1,103</u>	26	<u>1,107</u>
12	<u>1,103</u>	27	<u>1,107</u>
13	<u>1,098</u>	28	<u>1,107</u>
14	<u>1,092</u>	29	<u>1,107</u>
15	<u>1,103</u>	30	<u>1,106</u>
		31	<u>1,107</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 : **November 3, 1999**
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REPORTING PERIOD : October, 1999

<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 Corrective Actions</u>
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)