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Everett P. Perkins, Jr.
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Waterford 3

W3F1-2001-0017
A4.05
PR

February 14, 2001

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 January, 2001. 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,

A handwritten signature in black ink that reads "Everett P. Perkins, Jr." with a stylized flourish at the end.

E.P. Perkins, Jr.
Director,
Nuclear Safety Assurance

EPP/TMM/sf
Attachment

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

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**NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for January, 2001**

The unit operated at an average reactor power level of 99.96% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for January, 2001**

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 : **February 2, 2001**
 COMPLETED BY : **Richard Pollock**
 TELEPHONE : **(504) 739-6561**

OPERATING STATUS

1. Reporting Period	:	<u>January, 2001</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>744.0</u>	<u>744.0</u>	<u>114,100.4</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>744.0</u>	<u>112,850.0</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>2,521,026</u>	<u>2,521,026</u>	<u>375,176,993</u>
10. Gross Electrical Energy Generated (MWH)	<u>859,556</u>	<u>859,556</u>	<u>125,707,785</u>
11. Net Electrical Energy Generated (MWH)	<u>825,336</u>	<u>825,336</u>	<u>120,018,580</u>
12. Reactor Service Factor	<u>100.0</u>	<u>100.0</u>	<u>84.8</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>84.8</u>
14. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>83.8</u>
15. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>83.8</u>
16. Unit Capacity Factor (using MDC)	<u>103.2</u>	<u>103.2</u>	<u>82.9</u>
17. Unit Capacity Factor (using DER)	<u>100.5</u>	<u>100.5</u>	<u>80.8</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.1</u>

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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</u> <u>MONTH</u>	<u>YEAR TO</u> <u>DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>744</u>	<u>744</u>	<u>134,617</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>0.0</u>	<u>4,856.7</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 : February 2, 2001
COMPLETED BY : Richard Pollock
TELEPHONE : (504) 739-6561

Reporting Period : January, 2001 (NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,112</u>	16	<u>1,108</u>
2	<u>1,111</u>	17	<u>1,108</u>
3	<u>1,111</u>	18	<u>1,108</u>
4	<u>1,111</u>	19	<u>1,107</u>
5	<u>1,112</u>	20	<u>1,107</u>
6	<u>1,112</u>	21	<u>1,106</u>
7	<u>1,113</u>	22	<u>1,107</u>
8	<u>1,113</u>	23	<u>1,106</u>
9	<u>1,112</u>	24	<u>1,106</u>
10	<u>1,112</u>	25	<u>1,106</u>
11	<u>1,113</u>	26	<u>1,107</u>
12	<u>1,112</u>	27	<u>1,107</u>
13	<u>1,111</u>	28	<u>1,108</u>
14	<u>1,109</u>	29	<u>1,107</u>
15	<u>1,108</u>	30	<u>1,111</u>
		31	<u>1,108</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

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 DATE OF REPORT : **February 2, 2001**
 COMPLETED BY : **Richard Pollock**
 TELEPHONE : **(504) 739-6561**

REPORTING PERIOD : January, 2001

Number	Date (yymmdd)	* Type	Outage Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
N/A						

<p style="text-align: center;">*</p> <p><u>TYPE</u></p> <p>F - Forced S - Scheduled</p>	<p style="text-align: center;">**</p> <p><u>REASON</u></p> <p>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)</p>
<p style="text-align: center;">***</p> <p><u>METHOD</u></p> <p>1 - Manual 2 - Manual Scram 3 - Automatic Scram 4 - Continuation from Previous Period 5 - Power Reduction 6 - Other (explain)</p>	