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Everett P. Perkins, Jr.  
Director, Nuclear Safety Assurance  
Waterford 3

W3F1-2000-0079  
A4.05  
PR

June 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:

Attached is the subject report which covers the operating statistics for the month of May, 2000. 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, appearing to read "Everett P. Perkins, Jr." with a stylized flourish at the end.

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

EPP/TMM/ssf  
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

NRR-063

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**NRC MONTHLY OPERATING REPORT**  
**SUMMARY OF OPERATIONS**  
**WATERFORD 3**  
**for May, 2000**

The unit operated at an average reactor power level of 99.97% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for May, 2000**

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 : **June 7, 2000**  
 COMPLETED BY : **Bruce E. Meyers**  
 TELEPHONE : **(504) 739-6426**

## OPERATING STATUS

1. Reporting Period	:	<u>May, 2000</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>3,612.4</u>	<u>109,171.2</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>3,599.1</u>	<u>107,960.4</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>2,521,322</u>	<u>12,176,846</u>	<u>358,703,827</u>
10. Gross Electrical Energy Generated (MWH)	<u>844,791</u>	<u>4,110,927</u>	<u>120,116,279</u>
11. Net Electrical Energy Generated (MWH)	<u>810,244</u>	<u>3,945,072</u>	<u>114,660,935</u>
12. Reactor Service Factor	<u>100.0</u>	<u>99.1</u>	<u>84.8</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>99.1</u>	<u>84.8</u>
14. Unit Service Factor	<u>100.0</u>	<u>98.7</u>	<u>83.9</u>
15. Unit Availability Factor	<u>100.0</u>	<u>98.7</u>	<u>83.9</u>
16. Unit Capacity Factor (using MDC)	<u>101.3</u>	<u>100.6</u>	<u>82.9</u>
17. Unit Capacity Factor (using DER)	<u>98.6</u>	<u>98.0</u>	<u>80.7</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>1.3</u>	<u>4.3</u>

## OPERATING DATA REPORT

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TELEPHONE : (504) 739-6426

### OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :  
Refueling outage # 10 - beginning on October 13, 2000 - 35 day outage.  
Outage previously scheduled for June 1, 2000 to replace extraction steam bellows #3 in  
waterbox C has been rescheduled for June 8, 2000. Estimated duration is 8 days.

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>3,647</u>	<u>128,736</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>48.0</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 : June 7, 2000  
COMPLETED BY : Bruce E. Meyers  
TELEPHONE : (504) 739-6426

Reporting Period : May, 2000

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,096	16	1,089
2	1,095	17	1,089
3	1,095	18	1,087
4	1,095	19	1,086
5	1,094	20	1,086
6	1,095	21	1,089
7	1,095	22	1,085
8	1,094	23	1,087
9	1,093	24	1,085
10	1,091	25	1,086
11	1,092	26	1,083
12	1,093	27	1,085
13	1,091	28	1,083
14	1,090	29	1,082
15	1,089	30	1,081
		31	1,081

### 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 : June 7, 2000  
 COMPLETED BY : Bruce E. Meyers  
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : May, 2000

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

## TYPE

F - Forced  
 S - Scheduled

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## METHOD

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

## 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)