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Director, Nuclear Safety Assurance  
Waterford 3

**W3F1-2001-0037**  
**A4.05**  
**PR**

April 12, 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 March, 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, appearing to read "Alan J. Harris".

A.J. Harris  
Director,  
Nuclear Safety Assurance

AJH/TMM/cbh  
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

IE24

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

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 March, 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 : **April 3, 2001**  
 COMPLETED BY : **Bruce Meyers**  
 TELEPHONE : **(504) 739-6426**

## OPERATING STATUS

1. Reporting Period	:	<b>March, 2001</b>
Gross Hours in Reporting Period	:	<b>744</b>
2. Currently Authorized Power Level (MWt)	:	<b>3,390</b>
Maximum Dependable Capacity (Net MWe)	:	<b>1,075</b>
Design Electrical Rating (Net MWe)	:	<b>1,104</b>
3. Power Level to which Restricted (if any) (Net MWe)	:	<b>N/A</b>
4. Reason for Restriction (if any)	:	<b>N/A</b>

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	<b>744.0</b>	<b>2,127.0</b>	<b>115,483.4</b>
6. Reactor Reserve Shutdown Hours	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
7. Hours Generator was On-line	<b>744.0</b>	<b>2,118.7</b>	<b>114,224.7</b>
8. Unit Reserve Shutdown Hours	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
9. Gross Thermal Energy Generated (MWH)	<b>2,520,656</b>	<b>7,162,992</b>	<b>379,818,959</b>
10. Gross Electrical Energy Generated (MWH)	<b>852,750</b>	<b>2,432,860</b>	<b>127,281,089</b>
11. Net Electrical Energy Generated (MWH)	<b>818,414</b>	<b>2,336,150</b>	<b>121,529,394</b>
12. Reactor Service Factor	<b>100.0</b>	<b>98.5</b>	<b>84.9</b>
13. Reactor Availability Factor	<b>100.0</b>	<b>98.5</b>	<b>84.9</b>
14. Unit Service Factor	<b>100.0</b>	<b>98.1</b>	<b>84.0</b>
15. Unit Availability Factor	<b>100.0</b>	<b>98.1</b>	<b>84.0</b>
16. Unit Capacity Factor (using MDC)	<b>102.3</b>	<b>100.6</b>	<b>83.1</b>
17. Unit Capacity Factor (using DER)	<b>99.6</b>	<b>98.0</b>	<b>80.9</b>
18. Unit Forced Outage Rate	<b>0.0</b>	<b>1.9</b>	<b>4.1</b>

## OPERATING DATA REPORT

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UNIT NAME : WATERFORD 3  
DATE OF REPORT : April 3, 2001  
COMPLETED BY : Bruce Meyers  
TELEPHONE : (504) 739-6426

### 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>744</u>	<u>2,160</u>	<u>136,033</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>41.3</u>	<u>4,897.9</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 : April 3, 2001  
COMPLETED BY : Bruce Meyers  
TELEPHONE : (504) 739-6426

Reporting Period : March, 2001 ( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,100	16	1,099
2	1,100	17	1,099
3	1,101	18	1,100
4	1,102	19	1,091
5	1,103	20	1,097
6	1,102	21	1,097
7	1,103	22	1,097
8	1,103	23	1,100
9	1,103	24	1,105
10	1,104	25	1,101
11	1,105	26	1,098
12	1,103	27	1,099
13	1,093	28	1,099
14	1,098	29	1,099
15	1,099	30	1,101
		31	1,101

### 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 : April 3, 2001  
 COMPLETED BY : Bruce Meyers  
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : March, 2001

Number	Date (yymmdd)	* Type	Outage Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
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none

## 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  
 F - Administrative  
 G - Operational Error (explain)  
 H - Other (explain)