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Director, Nuclear Safety Assurance  
Waterford 3

**W3F1-2001-0093**  
**A4.05**  
**PR**

October 11, 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 September, 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 cursive script that reads "Robert Peter" with "FDR" written below it.

Alan 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

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

The unit operated at an average reactor power level of 99.8% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for September, 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 : **October 4, 2001**  
 COMPLETED BY : **Jim Pollock**  
 TELEPHONE : **(504) 739-6561**

## OPERATING STATUS

- |   |   |                        |
|---|---|------------------------|
| 1. Reporting Period                                   | : | <b>September, 2001</b> |
| Gross Hours in Reporting Period                       | : | <b>720</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>             |
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- 

	<b>THIS MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
5. Number of Hours Reactor was Critical	<b>720.0</b>	<b>6,518.0</b>	<b>119,874.4</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>720.0</b>	<b>6,509.7</b>	<b>118,615.7</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>2,434,974</b>	<b>21,962,486</b>	<b>394,618,453</b>
10. Gross Electrical Energy Generated (MWH)	<b>817,459</b>	<b>7,409,444</b>	<b>132,257,673</b>
11. Net Electrical Energy Generated (MWH)	<b>781,361</b>	<b>7,102,549</b>	<b>126,295,793</b>
12. Reactor Service Factor	<b>100.0</b>	<b>99.5</b>	<b>85.4</b>
13. Reactor Availability Factor	<b>100.0</b>	<b>99.5</b>	<b>85.4</b>
14. Unit Service Factor	<b>100.0</b>	<b>99.4</b>	<b>84.5</b>
15. Unit Availability Factor	<b>100.0</b>	<b>99.4</b>	<b>84.5</b>
16. Unit Capacity Factor (using MDC)	<b>101.0</b>	<b>100.9</b>	<b>83.7</b>
17. Unit Capacity Factor (using DER)	<b>98.3</b>	<b>98.2</b>	<b>81.5</b>
18. Unit Forced Outage Rate	<b>0.0</b>	<b>0.6</b>	<b>4.0</b>

# OPERATING DATA REPORT

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TELEPHONE : (504) 739-6561

## OPERATING STATUS (Cont.)

19. Shutdowns Scheduled over next 6 months (type, date and duration of each) :

REFUEL OUTAGE #11 - commencing on March 22, 2002 - 35 day outage

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>720</u>	<u>6,551</u>	<u>140,424</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

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : October 4, 2001  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : September, 2001

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,085</u>	16	<u>1,089</u>
2	<u>1,085</u>	17	<u>1,090</u>
3	<u>1,087</u>	18	<u>1,088</u>
4	<u>1,088</u>	19	<u>1,088</u>
5	<u>1,087</u>	20	<u>1,022</u>
6	<u>1,089</u>	21	<u>1,087</u>
7	<u>1,089</u>	22	<u>1,088</u>
8	<u>1,089</u>	23	<u>1,089</u>
9	<u>1,089</u>	24	<u>1,089</u>
10	<u>1,088</u>	25	<u>1,091</u>
11	<u>1,087</u>	26	<u>1,072</u>
12	<u>1,086</u>	27	<u>1,074</u>
13	<u>1,086</u>	28	<u>1,092</u>
14	<u>1,086</u>	29	<u>1,093</u>
15	<u>1,088</u>	30	<u>1,096</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 : **October 4, 2001**  
 COMPLETED BY : **Jim Pollock**  
 TELEPHONE : **(504) 739-6561**

REPORTING PERIOD : September, 2001

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

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* <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 Licensing 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)	