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Waterford 3

W3F1-2001-0111  
A4.05  
PR

November 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 October, 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, appearing to read "Alan Harris".

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  
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**NRC MONTHLY OPERATING REPORT  
SUMMARY OF OPERATIONS  
WATERFORD 3  
for October, 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 October, 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 : **November 12, 2001**  
 COMPLETED BY : **Jim Pollock**  
 TELEPHONE : **(504) 739-6561**

## OPERATING STATUS

1. Reporting Period	:	<u><b>October, 2001</b></u>
Gross Hours in Reporting Period	:	<u><b>745</b></u>
2. Currently Authorized Power Level (MWt)	:	<u><b>3,390</b></u>
Maximum Dependable Capacity (Net MWe)	:	<u><b>1,075</b></u>
Design Electrical Rating (Net MWe)	:	<u><b>1,104</b></u>
3. Power Level to which Restricted (if any) (Net MWe)	:	<u><b>N/A</b></u>
4. Reason for Restriction (if any)	:	<u><b>N/A</b></u>

	<u><b>THIS MONTH</b></u>	<u><b>YEAR TO DATE</b></u>	<u><b>CUMULATIVE</b></u>
5. Number of Hours Reactor was Critical	<u><b>745.0</b></u>	<u><b>7,263.0</b></u>	<u><b>120,619.4</b></u>
6. Reactor Reserve Shutdown Hours	<u><b>0.0</b></u>	<u><b>0.0</b></u>	<u><b>0.0</b></u>
7. Hours Generator was On-line	<u><b>745.0</b></u>	<u><b>7,254.7</b></u>	<u><b>119,360.7</b></u>
8. Unit Reserve Shutdown Hours	<u><b>0.0</b></u>	<u><b>0.0</b></u>	<u><b>0.0</b></u>
9. Gross Thermal Energy Generated (MWH)	<u><b>2,520,999</b></u>	<u><b>24,483,485</b></u>	<u><b>397,139,452</b></u>
10. Gross Electrical Energy Generated (MWH)	<u><b>853,801</b></u>	<u><b>8,263,245</b></u>	<u><b>133,111,474</b></u>
11. Net Electrical Energy Generated (MWH)	<u><b>819,331</b></u>	<u><b>7,921,880</b></u>	<u><b>127,115,124</b></u>
12. Reactor Service Factor	<u><b>100.0</b></u>	<u><b>99.5</b></u>	<u><b>85.4</b></u>
13. Reactor Availability Factor	<u><b>100.0</b></u>	<u><b>99.5</b></u>	<u><b>85.4</b></u>
14. Unit Service Factor	<u><b>100.0</b></u>	<u><b>99.4</b></u>	<u><b>84.6</b></u>
15. Unit Availability Factor	<u><b>100.0</b></u>	<u><b>99.4</b></u>	<u><b>84.6</b></u>
16. Unit Capacity Factor (using MDC)	<u><b>102.3</b></u>	<u><b>101.0</b></u>	<u><b>83.8</b></u>
17. Unit Capacity Factor (using DER)	<u><b>99.6</b></u>	<u><b>98.3</b></u>	<u><b>81.6</b></u>
18. Unit Forced Outage Rate	<u><b>0.0</b></u>	<u><b>0.6</b></u>	<u><b>3.9</b></u>

# OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : November 12, 2001  
COMPLETED BY : Jim Pollock  
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 MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>745</u>	<u>7,296</u>	<u>141,169</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 : November 12, 2001  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : October, 2001

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,097	16	1,100
2	1,097	17	1,101
3	1,097	18	1,102
4	1,098	19	1,102
5	1,098	20	1,103
6	1,099	21	1,102
7	1,100	22	1,102
8	1,099	23	1,102
9	1,100	24	1,101
10	1,100	25	1,103
11	1,084	26	1,102
12	1,086	27	1,102
13	1,099	28	1,103
14	1,102	29	1,104
15	1,101	30	1,103
		31	1,104

### 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 12, 2001**  
 COMPLETED BY : **Jim Pollock**  
 TELEPHONE : **(504) 739-6561**

REPORTING PERIOD : **October, 2001**

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