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Waterford 3

W3F1-96-0181  
A4.05  
PR

October 14, 1996

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 monthly report which covers the operating statistics for the month of September, 1996. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Very truly yours,

J.J. Fisicaro  
Director  
Nuclear Safety

JJF/DFL/ssf  
Attachment

cc: L.J. Callan, NRC Region IV  
C.P. Patel, NRC-NRR  
R.B. McGehee  
N.S. Reynolds  
F. Yost (Utility Data Institute, Inc.)  
J.T. Wheelock (INPO Records Center)  
NRC Resident Inspectors Office

IE2471

**NRC MONTHLY OPERATING REPORT  
SUMMARY OF OPERATIONS  
WATERFORD 3  
for September, 1996**

The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for September, 1996**

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 3, 1996  
 COMPLETED BY : D. S. Freeman  
 TELEPHONE : (504) 464-3352

## OPERATING STATUS

1. Reporting Period : September, 1996  
 Gross Hours in Reporting Period : 720  
 2. Currently Authorized Power Level (MWt) : 3,390  
 Maximum Dependable Capacity (Net MWe) : 1,075  
 Design Electrical Rating (Net MWe) : 1,104  
 3. Power Level to which Restricted (if any) (Net MWe) : N/A  
 4. Reason for Restriction (if any) : N/A

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	<u>720.0</u>	<u>6,062.5</u>	<u>82,095.1</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>720.0</u>	<u>6,029.3</u>	<u>81,115.4</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>2,437,808</u>	<u>20,399,601</u>	<u>269,096,041</u>
10. Gross Electrical Energy Generated (MWH)	<u>809,400</u>	<u>6,868,300</u>	<u>89,726,670</u>
11. Net Electrical Energy Generated (MWH)	<u>773,287</u>	<u>6,569,281</u>	<u>85,575,096</u>
12. Reactor Service Factor	<u>100.0</u>	<u>92.2</u>	<u>85.0</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>92.2</u>	<u>85.0</u>
14. Unit Service Factor	<u>100.0</u>	<u>91.7</u>	<u>84.0</u>
15. Unit Availability Factor	<u>100.0</u>	<u>91.7</u>	<u>84.0</u>
16. Unit Capacity Factor (using MDC)	<u>99.9</u>	<u>92.9</u>	<u>82.4</u>
17. Unit Capacity Factor (using DER)	<u>97.3</u>	<u>90.5</u>	<u>80.2</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>8.3</u>	<u>3.8</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 MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>720</u>	<u>6,575</u>	<u>96,600</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>545.7</u>	<u>3,218.9</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  
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TELEPHONE : (504) 464-3352

Reporting Period : September, 1996

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,070</u>	16	<u>1,072</u>
2	<u>1,073</u>	17	<u>1,071</u>
3	<u>1,073</u>	18	<u>1,071</u>
4	<u>1,074</u>	19	<u>1,073</u>
5	<u>1,074</u>	20	<u>1,074</u>
6	<u>1,074</u>	21	<u>1,074</u>
7	<u>1,074</u>	22	<u>1,075</u>
8	<u>1,073</u>	23	<u>1,076</u>
9	<u>1,074</u>	24	<u>1,076</u>
10	<u>1,072</u>	25	<u>1,076</u>
11	<u>1,072</u>	26	<u>1,077</u>
12	<u>1,071</u>	27	<u>1,078</u>
13	<u>1,072</u>	28	<u>1,079</u>
14	<u>1,072</u>	29	<u>1,079</u>
15	<u>1,072</u>	30	<u>1,080</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.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NUMBER : 50-382  
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 DATE OF REPORT : October 3, 1996  
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 TELEPHONE : (504) 464-3352

REPORTING PERIOD : September, 1996

<u>Number</u>	<u>Date</u> (yymmdd)	<u>*</u> <u>Type</u>	<u>Duration</u> (Hours)	<u>**</u> <u>Reason</u>	<u>***</u> <u>Shutdown</u> <u>Method</u>	<u>Cause, Comments and</u> <u>Corrective Actions</u>
NONE						

## 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)