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A4.05  
PR

May 8, 2002

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 April, 2002. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

This report reflects an increase in the Authorized Power Level from 3390 MWt to 3441 MWt approved via Technical Specification Amendment Number 183 issued by the Nuclear Regulatory Commission on March 29, 2002. Although, the NRC has authorized an increase to the Authorized Power Level, Waterford 3 did not implement the increase during this reporting period.

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 "M.K. Brandon".

M.K. Brandon  
Licensing Manager

MKB/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 April, 2002**

Refueling Outage #11 was completed near the middle of the month. The resulting average reactor power level of 40.2% was achieved for the time-period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for April, 2002**

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 : May 8, 2002  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

## OPERATING STATUS

- |   |                      |
|---|----------------------|
| 1. Reporting Period                                   | : <u>April, 2002</u> |
| Gross Hours in Reporting Period                       | : <u>719</u>         |
| 2. Currently Authorized Power Level (MWt)             | : <u>3,441</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>         |

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	342.0	2,284.8	124,368.2
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	313.9	2,256.8	123,081.5
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	980,490	7,479,950	409,576,986
10. Gross Electrical Energy Generated (MWH)	319,467	2,522,395	137,318,212
11. Net Electrical Energy Generated (MWH)	304,278	2,417,781	131,150,087
12. Reactor Service Factor	47.6	79.4	85.5
13. Reactor Availability Factor	47.6	79.4	85.5
14. Unit Service Factor	43.7	78.4	84.6
15. Unit Availability Factor	43.7	78.4	84.6
16. Unit Capacity Factor (using MDC)	39.4	78.1	83.8
17. Unit Capacity Factor (using DER)	38.3	76.1	81.6
18. Unit Forced Outage Rate	0.0	0.0	3.8

# OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
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DATE OF REPORT : May 8, 2002  
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TELEPHONE : (504) 739-6561

## 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>719</u>	<u>2,879</u>	<u>145,512</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>0.0</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 : May 8, 2002  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : April, 2002

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	0	16	0
2	0	17	4
3	0	18	288
4	0	19	707
5	0	20	1,008
6	0	21	1,049
7	0	22	1,060
8	0	23	1,063
9	0	24	1,059
10	0	25	1,067
11	0	26	1,073
12	0	27	1,079
13	0	28	1,080
14	0	29	1,073
15	0	30	1,070

### 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 : May 8, 2002  
 COMPLETED BY : Jim Pollock  
 TELEPHONE : (504) 739-6561

REPORTING PERIOD : April, 2002

<u>Number</u>	<u>Date</u> (yymmdd)	<u>*</u> Type	<u>Outage</u> Duration (Hours)	<u>**</u> Reason	<u>***</u> Shutdown Method	<u>Cause, Comments and</u> <u>Corrective Actions</u>
02-01	020322	S	405.1	C	4	Planned shutdown for Refueling. Plant placed on the electrical grid on 4/17/02.

## 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)