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Waterford 3

W3F1-2000-0042
A4.05
PR

April 11, 2000

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, 2000. 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 that reads "Everett P. Perkins, Jr." with a stylized flourish at the end.

E.P. Perkins, Jr.
Director,
Nuclear Safety Assurance

EPP/TMM/ssf
Attachment

cc: E.W. Merschoff (NRC Region IV), N. Kalyanam (NRC-NRR),
J. Smith, N.S. Reynolds, B. Lewis (Utility Data Institute, Inc.),
P. Lewis (INPO Records Center), NRC Resident Inspectors Office

IE24

**NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for March, 2000**

The unit experienced one forced outage during the reporting period resulting in an average power level of 93.0%.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for March, 2000**

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 10, 2000
 COMPLETED BY : Bruce E. Meyers
 TELEPHONE : (504) 739-6426

OPERATING STATUS

- | | | |
|---|---|--------------------|
| 1. Reporting Period | : | March, 2000 |
| Gross Hours in Reporting Period | : | 744 |
| 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	709.4	2,149.4	107,708.2
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	696.1	2,136.1	106,497.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,346,459	7,218,960	353,745,941
10. Gross Electrical Energy Generated (MWH)	792,329	2,445,727	118,451,079
11. Net Electrical Energy Generated (MWH)	760,306	2,347,597	113,063,460
12. Reactor Service Factor	95.3	98.4	84.6
13. Reactor Availability Factor	95.3	98.4	84.6
14. Unit Service Factor	93.6	97.8	83.7
15. Unit Availability Factor	93.6	97.8	83.7
16. Unit Capacity Factor (using MDC)	95.1	100.0	82.6
17. Unit Capacity Factor (using DER)	92.6	97.4	80.5
18. Unit Forced Outage Rate	6.4	2.2	4.4

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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 :

NA

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>2,184</u>	<u>127,273</u>
23. Unit Forced Outage Hours	<u>48.0</u>	<u>48.0</u>	<u>4,856.7</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 10, 2000
COMPLETED BY : Bruce E. Meyers
TELEPHONE : (504) 739-6426

Reporting Period : March, 2000

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,103</u>	16	<u>1,105</u>
2	<u>1,010</u>	17	<u>1,104</u>
3	<u>1,103</u>	18	<u>1,104</u>
4	<u>1,106</u>	19	<u>1,103</u>
5	<u>1,106</u>	20	<u>1,104</u>
6	<u>630</u>	21	<u>1,103</u>
7	<u>0</u>	22	<u>1,103</u>
8	<u>273</u>	23	<u>1,102</u>
9	<u>1,078</u>	24	<u>1,102</u>
10	<u>1,103</u>	25	<u>1,101</u>
11	<u>1,105</u>	26	<u>1,101</u>
12	<u>1,105</u>	27	<u>1,102</u>
13	<u>1,105</u>	28	<u>1,101</u>
14	<u>1,105</u>	29	<u>1,102</u>
15	<u>1,105</u>	30	<u>1,101</u>
		31	<u>1,103</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 : April 10, 2000
 COMPLETED BY : Bruce E. Meyers
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : March, 2000

<u>Number</u>	<u>Date (yymmdd)</u>	<u>* Type</u>	<u>Outage Duration (Hours)</u>	<u>** Reason</u>	<u>*** Shutdown Method</u>	<u>Cause, Comments and Corrective Actions</u>
00-02	000306,	F	48.0	A	1	Forced outage to make repairs to cracked weld at charging pump suction.

*
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)