



Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70066  
Tel 504 739 6379

Everett P. Perkins, Jr.  
Director, Nuclear Safety Assurance  
Waterford 3

W3F1-2000-0063  
A4.05  
PR

May 9, 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 April 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 dark ink, appearing to read "m. L. Perkins" with a stylized flourish below it.

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

EPP/TMM/rtk  
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 April, 2000**

The unit operated at an average reactor power level of 99.97% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE  
FAILURES AND CHALLENGES  
WATERFORD 3  
for April, 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 : **May 9, 2000**  
 COMPLETED BY : **Bruce E. Meyers**  
 TELEPHONE : **(504) 739-6426**

## OPERATING STATUS

1. Reporting Period : April, 2000  
 Gross Hours in Reporting Period : 719  
 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>719.0</u>	<u>2,868.4</u>	<u>108,427.2</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>719.0</u>	<u>2,855.1</u>	<u>107,216.4</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>2,436,564</u>	<u>9,655,524</u>	<u>356,182,505</u>
10. Gross Electrical Energy Generated (MWH)	<u>820,409</u>	<u>3,266,136</u>	<u>119,271,488</u>
11. Net Electrical Energy Generated (MWH)	<u>787,231</u>	<u>3,134,828</u>	<u>113,850,691</u>
12. Reactor Service Factor	<u>100.0</u>	<u>98.8</u>	<u>84.7</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>98.8</u>	<u>84.7</u>
14. Unit Service Factor	<u>100.0</u>	<u>98.3</u>	<u>83.8</u>
15. Unit Availability Factor	<u>100.0</u>	<u>98.3</u>	<u>83.8</u>
16. Unit Capacity Factor (using MDC)	<u>101.9</u>	<u>100.5</u>	<u>82.7</u>
17. Unit Capacity Factor (using DER)	<u>99.2</u>	<u>97.8</u>	<u>80.6</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>1.7</u>	<u>4.3</u>

# OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : May 9, 2000  
COMPLETED BY : Bruce E. Meyers  
TELEPHONE : (504) 739-6426

## OPERATING STATUS (Cont.)

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

Refueling outage # 10 - beginning on October 13, 2000 - 35 day outage.

Scheduled outage, replace extraction steam bellows #3 in Waterbox C,

Start June 1, 2000, Scheduled duration is 6 days, 10 hours

20. If Shutdown at end of report period, estimated date of startup : NA

21. Unit is in Commercial Operation.

	THIS MONTH	YEAR TO DATE	CUMULATIVE
22. Hours in Reporting Period	719	2,903	127,992
23. Unit Forced Outage Hours	0.0	48.0	4,856.7
24. Nameplate Rating (Gross MWe) :	1,200		
Max. Dependable Capacity (Gross MWe) :	1,120		

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 9, 2000  
COMPLETED BY : Bruce E. Meyers  
TELEPHONE : (504) 739-6426

Reporting Period : April, 2000

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,102	16	1,096
2	1,101	17	1,096
3	1,095	18	1,096
4	1,094	19	1,096
5	1,096	20	1,096
6	1,096	21	1,096
7	1,095	22	1,097
8	1,096	23	1,096
9	1,096	24	1,095
10	1,092	25	1,095
11	1,078	26	1,095
12	1,091	27	1,095
13	1,091	28	1,095
14	1,092	29	1,095
15	1,097	30	1,098

### 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 9, 2000  
 COMPLETED BY : Bruce E. Meyers  
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : April, 2000

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

## TYPE

F - Forced  
 S - Scheduled

\*\*\*

## METHOD

1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continuation from Previous Period  
 5 - Power Reduction  
 6 - Other (explain)

## 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)