



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

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

W3F1-2001-0004
A4.05
PR

January 10, 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 December, 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.),
lerevents@inpo.org - INPO Records Center, NRC Resident
Inspectors Office

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

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 December, 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 : **January 2, 2001**
 COMPLETED BY : **Richard Pollock**
 TELEPHONE : **(504) 739-6561**

OPERATING STATUS

- | | | |
|---|---|------------------------------|
| 1. Reporting Period | : | <u>December, 2000</u> |
| Gross Hours in Reporting Period | : | <u>744</u> |
| 2. Currently Authorized Power Level (MWt) | : | <u>3,390</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> |

	<u>THIS MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor was Critical	<u>744.0</u>	<u>7,797.6</u>	<u>113,356.4</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>744.0</u>	<u>7,744.7</u>	<u>112,106.0</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>2,517,757</u>	<u>26,128,986</u>	<u>372,655,967</u>
10. Gross Electrical Energy Generated (MWH)	<u>859,010</u>	<u>8,842,877</u>	<u>124,848,229</u>
11. Net Electrical Energy Generated (MWH)	<u>824,976</u>	<u>8,477,381</u>	<u>119,193,244</u>
12. Reactor Service Factor	<u>100.0</u>	<u>88.8</u>	<u>84.7</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>88.8</u>	<u>84.7</u>
14. Unit Service Factor	<u>100.0</u>	<u>88.2</u>	<u>83.7</u>
15. Unit Availability Factor	<u>100.0</u>	<u>88.2</u>	<u>83.7</u>
16. Unit Capacity Factor (using MDC)	<u>103.1</u>	<u>89.8</u>	<u>82.8</u>
17. Unit Capacity Factor (using DER)	<u>100.4</u>	<u>87.4</u>	<u>80.6</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>4.2</u>

OPERATING DATA REPORT

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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</u> <u>MONTH</u>	<u>YEAR TO</u> <u>DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>744</u>	<u>8,784</u>	<u>133,873</u>
23. Unit Forced Outage Hours	<u>0.0</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 : January 2, 2001
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TELEPHONE : (504) 739-6561

Reporting Period : December, 2000

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,112</u>	16	<u>1,064</u>
2	<u>1,111</u>	17	<u>1,109</u>
3	<u>1,111</u>	18	<u>1,112</u>
4	<u>1,110</u>	19	<u>1,111</u>
5	<u>1,111</u>	20	<u>1,111</u>
6	<u>1,111</u>	21	<u>1,112</u>
7	<u>1,109</u>	22	<u>1,111</u>
8	<u>1,109</u>	23	<u>1,111</u>
9	<u>1,109</u>	24	<u>1,112</u>
10	<u>1,110</u>	25	<u>1,111</u>
11	<u>1,110</u>	26	<u>1,109</u>
12	<u>1,109</u>	27	<u>1,110</u>
13	<u>1,109</u>	28	<u>1,111</u>
14	<u>1,110</u>	29	<u>1,112</u>
15	<u>1,104</u>	30	<u>1,112</u>
		31	<u>1,112</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 : **January 2, 2001**
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 TELEPHONE : **(504) 739-6561**

REPORTING PERIOD : **December, 2000**

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

*
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)