



Entergy Nuclear South  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70066  
Tel 504 739 6475  
Fax 504 739 6698  
aharris@entergy.com

**Alan J. Harris**  
Director, Nuclear Safety Assurance  
Waterford 3

W3F1-2001-0111

A4.05

PR

November 14, 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 October, 2001. 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 cursive script that reads "Alan J. Harris".

Alan J. Harris  
Director,  
Nuclear Safety Assurance

AJH/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

TE24

e-mail:	J.R. McGaha	(M-ECH-65)
	G.J. Taylor	(M-ECH-65)
	J.T. Herron	(W-GSB-300)
	E.C. Ewing	(W-MSB4-300)
	B.S. Allen	(W-GSB-315)
	A.J. Harris	(W-GSB-310)
	A.S. Bergeron	(W-GSB-300)
	T.E. Tankersley	(W-EEC-650)
	M.K. Brandon	(W-GSB-318)
	R.C. Fron	(W-ADM-500)
	T.H. Smith	(W-MSB4-300)
	J.R. Douet	(W-MSB4-366)
	J.A. Ridgel	(W-MSB4-336)
	T.J. Gaudet	(W-MSB4-325)
	C. Fugate	(W-MSB4-217)
	R.W. Lailheugue	(W-GSB-330)
	D.E. Marpe	(W-MSB4-220)
	R.L. Osborne	(W-GSB-201)
	P.A. Gropp	(W-GSB-220)
	J.B. Holman	(W-GSB-320)
	J.S. Reese	(W-GSB-600)
	J.J. Lewis	(W-GSB-365)
	M.A. Krupa	(M-ECH-414)
	C.B. Franklin	(M-ECH-36)
	C.L. Alday	(W-GSB-103)
	G.P. Bundick	(W-GSB-250)
	P.E. Alberstadt	(M-ECH-412)
	R.M. Fili	(W-GSB-313)
	R.D. Peters	(W-GSB-102)
	C.E. DeDeaux	(W-GSB-318)
	T.N. Schreckengast	(W-GSB-318)
	B.A. Anderson-Loper	(M-ECH-414)

**NRC MONTHLY OPERATING REPORT  
SUMMARY OF OPERATIONS  
WATERFORD 3  
for October, 2001**

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 October, 2001**

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 : **November 12, 2001**  
 COMPLETED BY : **Jim Pollock**  
 TELEPHONE : **(504) 739-6561**

## OPERATING STATUS

- |   |   |                      |
|---|---|----------------------|
| 1. Reporting Period                                   | : | <u>October, 2001</u> |
| Gross Hours in Reporting Period                       | : | <u>745</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>745.0</u>	<u>7,263.0</u>	<u>120,619.4</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>745.0</u>	<u>7,254.7</u>	<u>119,360.7</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>2,520,999</u>	<u>24,483,485</u>	<u>397,139,452</u>
10. Gross Electrical Energy Generated (MWH)	<u>853,801</u>	<u>8,263,245</u>	<u>133,111,474</u>
11. Net Electrical Energy Generated (MWH)	<u>819,331</u>	<u>7,921,880</u>	<u>127,115,124</u>
12. Reactor Service Factor	<u>100.0</u>	<u>99.5</u>	<u>85.4</u>
13. Reactor Availability Factor	<u>100.0</u>	<u>99.5</u>	<u>85.4</u>
14. Unit Service Factor	<u>100.0</u>	<u>99.4</u>	<u>84.6</u>
15. Unit Availability Factor	<u>100.0</u>	<u>99.4</u>	<u>84.6</u>
16. Unit Capacity Factor (using MDC)	<u>102.3</u>	<u>101.0</u>	<u>83.8</u>
17. Unit Capacity Factor (using DER)	<u>99.6</u>	<u>98.3</u>	<u>81.6</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>3.9</u>

# OPERATING DATA REPORT

DOCKET NUMBER : 50-382  
UNIT NAME : WATERFORD 3  
DATE OF REPORT : November 12, 2001  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

## OPERATING STATUS (Cont.)

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

REFUEL OUTAGE #11 - commencing on  
March 22, 2002 - 35 day outage

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>745</u>	<u>7,296</u>	<u>141,169</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>41.3</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 : November 12, 2001  
COMPLETED BY : Jim Pollock  
TELEPHONE : (504) 739-6561

Reporting Period : October, 2001

( NET MWe )

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	<u>1,097</u>	16	<u>1,100</u>
2	<u>1,097</u>	17	<u>1,101</u>
3	<u>1,097</u>	18	<u>1,102</u>
4	<u>1,098</u>	19	<u>1,102</u>
5	<u>1,098</u>	20	<u>1,103</u>
6	<u>1,099</u>	21	<u>1,102</u>
7	<u>1,100</u>	22	<u>1,102</u>
8	<u>1,099</u>	23	<u>1,102</u>
9	<u>1,100</u>	24	<u>1,101</u>
10	<u>1,100</u>	25	<u>1,103</u>
11	<u>1,084</u>	26	<u>1,102</u>
12	<u>1,086</u>	27	<u>1,102</u>
13	<u>1,099</u>	28	<u>1,103</u>
14	<u>1,102</u>	29	<u>1,104</u>
15	<u>1,101</u>	30	<u>1,103</u>
		31	<u>1,104</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 : **November 12, 2001**  
 COMPLETED BY : **Jim Pollock**  
 TELEPHONE : **(504) 739-6561**

REPORTING PERIOD : October, 2001

<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 Corrective Actions</u>
NA						

- |   |  |
|---|--|
| <p style="text-align: center;">*</p> <p>TYPE</p> <ul style="list-style-type: none"> <li>F - Forced</li> <li>S - Scheduled</li> </ul>  | <p style="text-align: center;">**</p> <p>REASON</p> <ul style="list-style-type: none"> <li>A - Equipment Failure (explain)</li> <li>B - Maintenance or Test</li> <li>C - Refueling</li> <li>D - Regulatory Restriction</li> <li>E - Operator Training and License Examination</li> <li>F - Administrative</li> <li>G - Operational Error (explain)</li> <li>H - Other (explain)</li> </ul> |
| <p style="text-align: center;">***</p> <p>METHOD</p> <ul style="list-style-type: none"> <li>1 - Manual</li> <li>2 - Manual Scram</li> <li>3 - Automatic Scram</li> <li>4 - Continuation from Previous Period</li> <li>5 - Power Reduction</li> <li>6 - Other (explain)</li> </ul> |  |