



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

W3F1-2002-0003

A4.05

PR

January 14, 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 December, 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, appearing to read "Robert D. Peterson / For".

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

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

The unit operated at an average reactor power level of 99.95% and experienced no shutdowns or significant power reductions during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for December, 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 : **January 8, 2002**
 COMPLETED BY : **Bruce Meyers**
 TELEPHONE : **(504) 739-6426**

OPERATING STATUS

- | | |
|---|-------------------------|
| 1. Reporting Period | : <u>December, 2001</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> |

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	744.0	8,727.0	122,083.4
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	744.0	8,718.7	120,824.7
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,520,997	29,444,278	402,100,245
10. Gross Electrical Energy Generated (MWH)	856,615	9,947,588	134,795,817
11. Net Electrical Energy Generated (MWH)	822,578	9,539,062	128,732,306
12. Reactor Service Factor	100.0	99.6	85.6
13. Reactor Availability Factor	100.0	99.6	85.6
14. Unit Service Factor	100.0	99.5	84.7
15. Unit Availability Factor	100.0	99.5	84.7
16. Unit Capacity Factor (using MDC)	102.8	101.3	84.0
17. Unit Capacity Factor (using DER)	100.1	98.6	81.8
18. Unit Forced Outage Rate	0.0	0.5	3.9

OPERATING DATA REPORT

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
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COMPLETED BY : Bruce Meyers
TELEPHONE : (504) 739-6426

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>744</u>	<u>8,760</u>	<u>142,633</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 : January 8, 2002
COMPLETED BY : Bruce Meyers
TELEPHONE : (504) 739-6426

Reporting Period : December, 2001

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,104	16	1,104
2	1,104	17	1,105
3	1,104	18	1,107
4	1,105	19	1,106
5	1,102	20	1,107
6	1,105	21	1,107
7	1,105	22	1,105
8	1,106	23	1,106
9	1,106	24	1,106
10	1,106	25	1,106
11	1,106	26	1,107
12	1,106	27	1,106
13	1,107	28	1,107
14	1,107	29	1,107
15	1,107	30	1,106
		31	1,105

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 8, 2002
 COMPLETED BY : Bruce Meyers
 TELEPHONE : (504) 739-6426

REPORTING PERIOD : December, 2001

<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>
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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)