



Entergy Nuclear Southwest
17265 River Road
Killona, LA 70066-0751
Tel 504 739 6475
Fax 504 739 6698
aharris@entergy.com

Alan J. Harris
Director, Nuclear Safety Assurance
Waterford 3

W3F1-2001-0027
A4.05
PR

March 8, 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 February, 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 "Alan J. Harris".

A.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

IE24

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

The unit operated at an average reactor power level of 93.1% having experienced one significant power reduction followed by one reactor trip during the period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for February, 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 : March 2, 2001
 COMPLETED BY : Bruce Meyers
 TELEPHONE : (504) 739-6426

OPERATING STATUS

1. Reporting Period : February, 2001
 Gross Hours in Reporting Period : 672
 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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	639.0	1,383.0	114,739.4
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	630.7	1,374.7	113,480.7
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2,121,310	4,642,336	377,298,303
10. Gross Electrical Energy Generated (MWH)	720,554	1,580,110	126,428,339
11. Net Electrical Energy Generated (MWH)	692,400	1,517,736	120,710,980
12. Reactor Service Factor	95.1	97.7	84.8
13. Reactor Availability Factor	95.1	97.7	84.8
14. Unit Service Factor	93.9	97.1	83.9
15. Unit Availability Factor	93.9	97.1	83.9
16. Unit Capacity Factor (using MDC)	95.8	99.7	83.0
17. Unit Capacity Factor (using DER)	93.3	97.1	80.8
18. Unit Forced Outage Rate	6.1	2.9	4.1

OPERATING DATA REPORT

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : March 2, 2001
COMPLETED BY : Bruce Meyers
TELEPHONE : (504) 739-6426

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 MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
22. Hours in Reporting Period	<u>672</u>	<u>1,416</u>	<u>135,289</u>
23. Unit Forced Outage Hours	<u>41.3</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 : March 2, 2001
COMPLETED BY : Bruce Meyers
TELEPHONE : (504) 739-6426

Reporting Period : February, 2001

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	1,111	16	1,106
2	1,111	17	1,108
3	1,110	18	1,108
4	1,111	19	1,109
5	1,113	20	1,109
6	1,111	21	1,103
7	1,111	22	1,100
8	1,111	23	1,101
9	1,110	24	1,100
10	1,111	25	1,100
11	1,111	26	1,100
12	1,111	27	1,100
13	693	28	1,100
14	0		
15	482		

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 : March 2, 2001
COMPLETED BY : Bruce Meyers
TELEPHONE : (504) 739-6426

REPORTING PERIOD : February, 2001

<u>Number</u>	<u>Date</u> (yymmdd)	<u>*</u> <u>Type</u>	<u>Outage</u> <u>Duration</u> (Hours)	<u>**</u> <u>Reason</u>	<u>***</u> <u>Shutdown</u> <u>Method</u>	<u>Cause, Comments and</u> <u>Corrective Actions</u>
01-01	010213	F	10.6	A	5	Power reduction due to Steam Generator Feed Pump Speed Control Malfunction
01-02	010213	F	41.3	A	3	Reactor trip due to oscillation of Governor Valve #3 when testing turbine control valves.

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)