

Entergy Operations, Inc.
P.O. Box B
Killona, LA 70066
Tel 504 739 6242

Early C. Ewing, III
Director
Nuclear Safety & Regulatory Affairs
Waterford 3

W3F1-97-0212
A4.05
PR

August 14, 1997

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

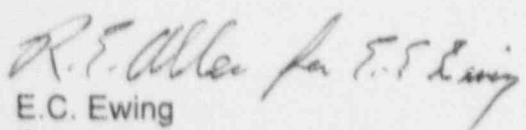
Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Monthly Operating Report

Gentlemen:

Attached is the subject monthly report which covers the operating statistics for the month of July, 1997. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Should you have any questions regarding the above, please contact me at (504) 739-6242 or David Litoff at (504) 739-6693.

Very truly yours,


E.C. Ewing
Director
Nuclear Safety & Regulatory Affairs

ECE/DFL/ssf
Attachment

cc: E.W. Merschoff (NRC Region IV), C.P. Patel (NRC-NRR),
J. Smith, N.S. Reynolds, B. Lewis (Utility Data Institute, Inc.),
J.T. Wheelock (INPO Records Center), NRC Resident Inspectors
Office

180004

9708180054 970731
PDR ADOCK 05000382
R PDR



NRC MONTHLY OPERATING REPORT
SUMMARY OF OPERATIONS
WATERFORD 3
for July, 1997

Refueling Outage #8 was completed near the end of the month. The resulting average reactor power level of 3.9% was achieved for the time-period.

**PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3
for July, 1997**

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 : August 7, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 739-6575

OPERATING STATUS

1. Reporting Period	: July, 1997
Gross Hours in Reporting Period	: 744
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	142.1	2,565.6	86,869.7
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator was On-line	65.0	2,488.4	85,812.7
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	99,594	8,301,312	284,558,677
10. Gross Electrical Energy Generated (MWH)	21,550	2,822,930	95,009,210
11. Net Electrical Energy Generated (MWH)	3,266	2,685,754	90,618,415
12. Reactor Service Factor	19.1	50.4	83.6
13. Reactor Availability Factor	19.1	50.4	83.6
14. Unit Service Factor	8.7	48.9	82.6
15. Unit Availability Factor	8.7	48.9	82.6
16. Unit Capacity Factor (using MDC)	0.4	49.1	81.1
17. Unit Capacity Factor (using DER)	0.4	47.8	79.0
18. Unit Forced Outage Rate	0.0	0.0	3.6

OPERATING DATA REPORT

DOCKET NUMBER : 50-382
UNIT NAME : WATERFORD 3
DATE OF REPORT : August 7, 1997
COMPLETED BY : D. S. Freeman
TELEPHONE : (504) 739-6575

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>744</u>	<u>5,087</u>	<u>103,896</u>
23. Unit Forced Outage Hours	<u>0.0</u>	<u>0.0</u>	<u>3,218.9</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 : August 7, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 739-6575

Reporting Period : July, 1997

(NET MWe)

<u>DAY</u>	<u>Avg. Power Level</u>	<u>DAY</u>	<u>Avg. Power Level</u>
1	(9)	16	(24)
2	(9)	17	(23)
3	(9)	18	(24)
4	(9)	19	(23)
5	(9)	20	(24)
6	(10)	21	(32)
7	(11)	22	(42)
8	(12)	23	(43)
9	(12)	24	(43)
10	(12)	25	(43)
11	(11)	26	(43)
12	(15)	27	(43)
13	(15)	28	(43)
14	(14)	29	35
15	(21)	30	128
		31	603

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NUMBER : 50-382
 UNIT NAME : WATERFORD 3
 DATE OF REPORT : August 7, 1997
 COMPLETED BY : D. S. Freeman
 TELEPHONE : (504) 739-6575

REPORTING PERIOD : July, 1997

Number	Date (yyymmdd)	* Type	Duration (Hours)	** Reason	*** Shutdown Method	Cause, Comments and Corrective Actions
97-01	970412	S	673.2	C	4	Unit removed from service to begin Refuel Outage 8. Outage is continued from the previous period.
97-02	970729	S	5.8	B	1	Generator was taken off-grid to conduct post-refuel Turbine Overspeed Trip Test.

* 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)