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W3F1-91-0005 A4.05 QA

January 14, 1991

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:

Enclosed is the subject monthly report which covers the operating statistics for the month of December, 1990. This report is submitted per Section 6.9.1.6 of the Waterford 3 Technical Specifications for Facility Operating License No. NPF-38.

Very truly yours,

RFB/TJG/ssf Enclosure

ec: Messrs. R.D. Martin, NRC Region IV

D.L. Wigginton, NRC-NRR

E.L. Blake

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NRC Resident Inspectors Office

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# NRC MONTHLY OPERATING REPORT SUMMARY OF OPERATIONS WATERFORD ? DECEMBER 1990

The unit operated at an average reactor power of 99.8% and experienced no shockowns r significant power reductions during the period.

# PRESSURIZER SAFETY VALVE FAILURES AND CHALLENGES WATERFORD 3

During the month of December 1990, there were no pressurizer safety valve failures or challenges.

## OPERATING DATA REPORT

UNIT NAME: WATERFORD 3

CITY/STATE: KILLCNA/LA

DATE: JANUARY 1991

# OPERATING STATUS

9.	Docket: 50-382		Notes	************				
2.	Reporting Period: DECEMBER, 1990							
3,	Utility Contact: PATRICK CENTOLANZI							
	Phone Number: (504) 739-6683							
4.	Licensed Thermal Power (MWt): 3390							
5.	Nameplate Rating (Gross Mwe): 1200							
6.	Design Electrical Rating (Net MWe): 1104							
7.	Maximum Dependable Capacity (Gross MWe):							
8. Maximum Dependable Capacity (Net MWe): 1075								
	If Changes Occur in Capacity Ratings (Ite Give Keasons:	ms Number 4 Th	rough 8) Since I	ast Report,				
10.	Power Level To Which Restricted, if Any	(Net MWe):	NONE					
11.	Reasons For Restrictions, If Any: N/A							
		This Month	Yrto-Date	Cumulative				
12.	Hours In Reporting Period	744	8,760.0	46,201.0				
13.	Number Of Hours Reactor Was Critical	744	8,131.0	38,092.7				
14.	Reactor Reserve Shutdown Hours	0	-0-	-0-				
15	Hours Generator On-Line	744	8,081.3	37,508.0				
16.		0	-0-	-0-				

# (Continued)

		This Month	Yrto-Date	Cumulative		
17.	Gross Thermal Energy Generated (MWH)	2,516,099	26,922,268	192,623,793		
18.	Gross Electrical Energy Generated (MWH)	835,880	9,004,470	41,244,670		
19.	Net Electrical Energy Generated (MWH)	802,146	8,604,229	39,274,517		
20.	Unit Service Factor	100.0	92.3	81.2		
21.	Unit Availability Factor	100.0	92.3	81.2		
22.	Unit Capacity Factor (Using MDC Net)	100.3	91.4	79.1		
23.	Unit Capacity Factor (Using DER Net)	97.7	89.0	77.0		
24.	Unit Forced Outage Rate	0	1.5	4.7		
25,	Unit Forced Outage Hours	0	124.1	1,859.5		
26.	Shutdowns Scheduled Over Next 6 Mor Refueling, 3/15/91, 58 Days	aths (Type, Date, as	nd Duration of E	ach):		
27.	If Shut Down At End of Report Perio	od, Estimated Date (	Of Startup:			
28.	Units In Test Status (Prior to Commercial Operation):					
			Forecast	Achieved		
	INITIAL CRITICAL	LITY	No. of the local distribution of the local d	3/4/85		
	INITIAL ELECTRIC	CITY		3/18/85		
	COMMERCIAL OPERA	ATION		9/24/85		

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-382

UNIT WATERFORD 3

DATE JANUARY 1991

COMPLETED BY PATRICK CENTOLANZI
TELEPHONE 504-739-6683

# MONTH DECEMBER, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1081	17	1079
2	1082	18	1079
3	1082	19	1079
4	1079	20	1079
5	1078	21	1077
6	1079	22	1078
7	1081	23	1077
8	1078	24	1077
9	1079	25	1078
10	1079	26	1057
11	1079	27	1078
12	1080	28	1077
13	1079	29	1078
14	1080	30	1078
15	1079	31	1079
16	1080		

## INSTRUCTIONS

On this format, 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 REPORT FOR DECEMBER 1990

DOCKET NO 50-382

UNIT NAME WATERFORD 3

DATE JANUARY 1991

COMPLETED BY PATRICK CENTOLANZI

TELEPHONE 504-739-6683

Method of Licensee Duration Shutting Event System Component Type1 No. Date (HOURS) REASON2 Code4 Down Reactor3 Report # Code<sup>5</sup>

Action to Prevent Recurrence

Cause & Corrective

NONE

F: Forced S: Scheduled Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training &
 License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3 Method 1-Manual 2-Manual Scram. 3-Automatic Scram. 4-Continuation 5-Load Reduction 9-Other

4 IEEE Std. 805-1984 5 IEEE Std. 803A-1983