NRC MONTHLY OPERATING REPORT

SUMMARY OF OPERATIONS

WATERFORD 3

FEBRUARY 1987

The unit started the month in a refueling/maintenance outage. On February 4 at 1019 the reactor was critical and on February 7 at 2245 the generator was synchronized to the grid. On February 8 at 0927 the turbine was tripped to prepare for the turbine overspeed test. On February 8 at 1837 the generator was back on line. Power ascension continued and the unit reached 100% power on February 21. The unit continued operation at approximately 100% power for the remainder of the month.

8703250106 870228
PDR ADOCK 05000392
R PDR

IE24
1/1

PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES
WATERFORD 3

During the month of February 1987, there were no pressurizer safety valve failures or challenges.

# OPERATING DATA REPORT

UNIT NAME: WATERFORD 3
CITY/STATE: KILLONA/LA
DATE: MARCH 1987

OPERATING STATUS

1. Docket: 50-382
2. Reporting Period: FEBRUARY 1987
3. Utility Contact: GEORGE MILLER
   Phone Number: (504) 467-8211
4. Licensed Thermal Power (MWt): 3390
5. Nameplate Rating (Gross Mwe): 1153
6. Design Electrical Rating (Net MWe): 1104
7. Maximum Dependable Capacity (Gross MWe): 1120
8. Maximum Dependable Capacity (Net MWe): 1075

Notes

9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons:

10. Power Level To Which Restricted, if Any (Net MWe): NONE

11. Reasons For Restrictions, If Any: N/A

| | | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|---|
| 12. | Hours In Reporting Period | 672.0 | 1416.0 | 12553.0 |
| 13. | Number Of Hours Reactor Was Critical | 589.7 | 589.7 | 589.7 |
| 14. | Reactor Reserve Shutdown Hours | -0- | -0- | -0- |
| 15 | Hours Generator On-Line | 496.0 | 496.0 | 9222.6 |
| 16. | Unit Reserve Shutdown Hours | -0- | -0- | -0- |

OPERATING DATA REPORT

(Continued)

| | | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|---|
| 17. | Gross Thermal Energy Generated (MWH) | 1,379,459 | 1,379,459 | 29,743,222 |
| 18. | Gross Electrical Energy Generated (MWH) | 460,630 | 460,630 | 10,029,630 |
| 19. | Net Electrical Energy Generated (MWH) | 429,780 | 421,407 | 9,511,793 |
| 20. | Unit Service Factor | 73.8 | 35.0 | 73.5 |
| 21. | Unit Availability Factor | 73.8 | 35.0 | 73.5 |
| 22. | Unit Capacity Factor (Using MDC Net) | 59.5 | 27.7 | 70.5 |
| 23. | Unit Capacity Factor (Using DER Net) | 57.9 | 27.0 | 68.6 |
| 24. | Unit Forced Outage Rate | 0.0 | 0.0 | 7.9 |
| 25. | Unit Forced Outage Hours | 0.0 | 0.0 | 787.2 |

26. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

27. If Shut Down At End of Report Period, Estimated Date Of Startup: _____

28. Units In Test Status (Prior to Commercial Operation):

| | Forecast | Achieved |
|---|---|---|
| INITIAL CRITICALITY | | 3/4/85 |
| INITIAL ELECTRICITY | | 3/18/85 |
| COMMERCIAL OPERATION | | 9/24/85 |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-382
UNIT WATERFORD 3
DATE MARCH 1987
COMPLETED BY GEORGE MILLER
TELEPHONE 504-467-8211

MONTH FEBRUARY 1987

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | -24 | 17 | 898 |
| 2 | -38 | 18 | 900 |
| 3 | -39 | 19 | 895 |
| 4 | -39 | 20 | 891 |
| 5 | -39 | 21 | 1059 |
| 6 | -39 | 22 | 901 |
| 7 | -37 | 23 | 1076 |
| 8 | 53 | 24 | 1098 |
| 9 | 386 | 25 | 1097 |
| 10 | 722 | 26 | 1101 |
| 11 | 736 | 27 | 1101 |
| 12 | 728 | 28 | 1095 |
| 13 | 736 | 29 | |
| 14 | 880 | 30 | |
| 15 | 907 | 31 | |
| 16 | 907 | | |

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 FEBRUARY 1987

| | |
|---|---|
| DOCKET NO | 50-382 |
| UNIT NAME | WATERFORD 3 |
| DATE | MARCH 1987 |
| COMPLETED BY | GEORGE MILLER |
| TELEPHONE | 504-467-8211 |

| No. | Date | Type[1] | Duration (HOURS) | REASON[2] | Method of Shutting Down Reactor[3] | Licensee Event Report # | System Code[4] | Component Code[5] | Cause & Corrective Action to Prevent Recurrence |
|---|---|---|---|---|---|---|---|---|---|
| 86-18 | 861126 | S | 166.8 | C,B | 4 | N/A | N/A | N/A | Refueling/Maintenance outage. |
| | | | Total = 1751.8 | | | | | | |
| 87-01 | 870208 | S | 9.2 | B | N/A | N/A | TA | TRB | Turbine/generator overspeed test. |

1
F: Forced
S: Scheduled

2
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

LOUISIANA POWER & LIGHT / 317 BARONNE STREET • P. O. BOX 60340
NEW ORLEANS, LOUISIANA 70160 • (504) 595-3100
MIDDLE SOUTH UTILITIES SYSTEM

March 16, 1987

W3P87-0590
A4.05
QA

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

Enclosed is the subject monthly report which covers the operating statistics for the month of February 1987. 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,

J.E. Huller /for
K.W. Cook
Nuclear Safety and
Regulatory Affairs Manager

KWC:GEW:ssf

Enclosure

cc: R.D. Martin, NRC Region IV
NRC Resident Inspectors Office
G.W. Knighton, NRC-NRR
J.H. Wilson, NRC-NRR
INPO Records Center (J.T. Wheelock)
E.L. Blake
W.M. Stevenson

IE24

"AN EQUAL OPPORTUNITY EMPLOYER"