NRC MONTHLY OPERATING REPORT

SUMMARY OF OPERATIONS

WATERFORD 3

JUNE 1985

Power ascension testing continued during the month as the unit achieved 90% power. The unit started the month in a shutdown condition to remove lead carbonate deposits found in the electrical generator. On June 23 at 0935 the unit was returned to critical and at 1955 the generator was back on-line. On June 26 the unit achieved 90% power.

On June 26 at 2131, at 90% power, a reactor trip occurred due to manually tripping the turbine following a fire in a steam generator feed pump.

On June 27 at 2136, the unit was returned to critical, but tripped at 2157 due to a CPC/CEAC trip on CEA deviation.

On June 29 at 2145, the unit was returned to critical and at 0145 on June 30 the generator was back on-line.

On June 30 at 0230, at 15% power, a reactor trip occurred due to high steam generator levels.

On June 30 at 0740 the unit was returned to critical and at 1805 the generator was back on-line. The unit ended the month at 64% power.



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1/1

SPRING-LOADED PRESSURIZER SAFETY VALVE

FAILURES AND CHALLENGES

WATERFORD 3

During the month of June 1985, there were no spring-loaded pressurizer safety valve failures or challenges.

# OPERATING DATA REPORT

UNIT NAME: WATERFORD 3
CITY/STATE: KILLONA/LA
DATE: JULY 1985

OPERATING STATUS

1. Docket: 50-382
2. Reporting Period: JUNE 1985
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): (Note 1)
8. Maximum Dependable Capacity (Net MWe): (Note 1)
9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons: N/A
10. Power Level To Which Restricted, if Any (Net MWe): NONE
11. Reasons For Restrictions, If Any: N/A

Notes
(1) Maximun Dependable Capacity (Gross and Net MWe) will be determined after the 100% warranty run.

| | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|
| 12. Hours In Reporting Period | 720.0 | 2497.1 | 2497.1 |
| 13. Number Of Hours Reactor Was Critical | 105.4 | 1151.2 | 1151.2 |
| 14. Reactor Reserve Shutdown Hours | -0- | -0- | -0- |
| 15 Hours Generator On-Line | 80.4 | 998.5 | 998.5 |
| 16. Unit Reserve Shutdown Hours | -0- | -0- | -0- |

OPERATING DATA REPORT

(Continued)

| | | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|---|
| 17. | Gross Thermal Energy Generated (MWH) | 198,642 | 1,664,634 | 1,664,634 |
| 18. | Gross Electrical Energy Generated (MWH) | 56,660 | 487,450 | 487,450 |
| 19. | Net Electrical Energy Generated (MWH) | 52,730 | 442,477 | 442,477 |
| 20. | Unit Service Factor | N/A | N/A | N/A |
| 21. | Unit Availability Factor | N/A | N/A | N/A |
| 22. | Unit Capacity Factor (Using MDC Net) | N/A | N/A | N/A |
| 23. | Unit Capacity Factor (Using DER Net) | N/A | N/A | N/A |
| 24. | Unit Forced Outage Rate | 88.8 | 58.8 | 58.8 |
| 25. | Unit Forced Outage Hours | 639.8 | 1426.1 | 1426.1 |

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

N/A

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 | 7/85 | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-382
UNIT WATERFORD 3
DATE JULY 1985
COMPLETED BY GEORGE MILLER
TELEPHONE 504-467-8211

MONTH JUNE 1985

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | -0- | 17 | -0- |
| 2 | -0- | 18 | -0- |
| 3 | -0- | 19 | -0- |
| 4 | -0- | 20 | -0- |
| 5 | -0- | 21 | -0- |
| 6 | -0- | 22 | -0- |
| 7 | -0- | 23 | 25 |
| 8 | -0- | 24 | 558 |
| 9 | -0- | 25 | 741 |
| 10 | -0- | 26 | 790 |
| 11 | -0- | 27 | -0- |
| 12 | -0- | 28 | -0- |
| 13 | -0- | 29 | -0- |
| 14 | -0- | 30 | 83 |
| 15 | -0- | 31 | NA |
| 16 | -0- | | |

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JUNE 1985

| | |
|---|---|
| DOCKET NO | 50-382 |
| UNIT NAME | WATERFORD 3 |
| DATE | JULY 1985 |
| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 85-011 | 850529 | S,F | 547.9<br>Total = 613.4 | B,A | 3 | N/A | ZZ | ZZZZ | At 20% power, a reactor trip coolant flow occurred due to manually tripping the turbine as a part of the loss of offsite power test. The unit was later shut down to remove lead carbonate deposits found in the electrical generator. |
| 85-012 | 850626 | F | 76.3 | A | 3 | 85-027 | SJ | P | At 90% power, a reactor trip due to manually tripping the turbine following a fire in a steam generator feed pump. |

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JUNE 1985

| | |
|---|---|
| DOCKET NO | 50-382 |
| UNIT NAME | WATERFORD 3 |
| DATE | JUNE 1985 |
| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 85-013 | 850630 | F | 15.6 | H | 3 | 85-029 | ZZ | ZZZZ | At 15% power, a reactor trip occurred on high steam generator levels. |

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 / 142 DELARONDE STREET • P.O. BOX 6008
NEW ORLEANS, LOUISIANA 70174-6008 • (504) 366-2345

MIDDLE SOUTH UTILITIES SYSTEM

July 12, 1985

W3P85-1427
A4.05

Mr. Learned W. Barry
Director and Controller
Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Barry:

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 June 1985. 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,

K.W. Cook

K.W. Cook
Nuclear Support & Licensing Manager

KWC:GEW:sms

Enclosure

cc: R.D. Martin, NRC Region IV
NRC, Director, Office of I&E
G.W. Knighton, NRC-NRR
D.M. Crutchfield, NRC-NRR
NRC Resident Inspectors Office
INPO Records Center (J.T. Wheelock)
B.W. Churchill
W.M. Stevenson

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