# OPERATING DATA REPORT

DOCKET NO 50-369
DATE February 14, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: January 1, 1997-January 31, 1997
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1171
7. Maximum Dependable Capacity (Net MWe): 1129
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes *Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .90 power factor per Page iii, NUREG-0020.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reason For Restrictions, If any: _____

| | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|
| 11. Hours In Reporting Period | 744.0 | 744.0 | 132984.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 744.0 | 97136.0 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 744.0 | 96135.5 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0- |
| 16. Gross Thermal Energy Generated (MWH) | 2428964 | 2428964 | 303249026 |
| 17. Gross Electrical Energy Generated (MWH) | 842540 | 842540 | 104132659 |
| 18. Net Electrical Energy Generated (MWH) | 811344 | 811344 | 99537200 |
| 19. Unit Service Factor | 100.0 | 100.0 | 72.3 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 72.3 |
| 21. Unit Capacity Factor (Using MDC Net) | 96.6 | 96.6 | 65.3 |
| 22. Unit Capacity Factor (Using DER Net) | 92.4 | 92.4 | 63.4 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 12.8 |

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling and Steam Generator Replacement - February 14, 1997 - 100 days

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

| 26. Units In Test Status (Prior to Commercial Operation): | Forecast | Achieved |
|---|---|---|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

OPERATING DATA REPORT

DOCKET NO 50-369
UNIT McGuire 1
DATE February 14, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH January, 1997

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 1140 | 17 | 1143 |
| 2 | 1143 | 18 | 1143 |
| 3 | 1143 | 19 | 1144 |
| 4 | 1142 | 20 | 1144 |
| 5 | 1144 | 21 | 1144 |
| 6 | 1142 | 22 | 1145 |
| 7 | 1140 | 23 | 485 |
| 8 | 1139 | 24 | 313 |
| 9 | 1140 | 25 | 1031 |
| 10 | 1142 | 26 | 1143 |
| 11 | 1141 | 27 | 1142 |
| 12 | 1140 | 28 | 1141 |
| 13 | 1140 | 29 | 1141 |
| 14 | 1141 | 30 | 1142 |
| 15 | 1142 | 31 | 1143 |
| 16 | 1143 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1997

DOCKET NO. 50-369
UNIT NAME MCGUIRE 1
DATE 02/14/97
COMPLETED BY R. A. Williams
TELEPHONE (704)-382-5346

| NO. | DATE | (1) TYPE | DURATION HOURS | (2) REASON | (3) METHOD OF SHUTDOWN R/X | LICENSE EVENT REPORT NO. | (4) SYSTEM CODE | (5) COMPONENT CODE | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|---|---|---|---|---|---|---|---|---|---|
| 1-P | 97- 1-23 | F | -- | A | -- | | SD | VALVEX | STEAM GENERATOR "D" FEEDWATER CONTAINMENT ISOLATION VALVE HYDRAULIC LEAK |
| 2-P | 97- 1-23 | F | -- | A | -- | | SD | VALVEX | STEAM GENERATOR "D" FEEDWATER CONTAINMENT ISOLATION VALVE HYDRAULIC LEAK REPAIR |

(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-Operator Error (Explain)
H-Other (Explain)

(3)
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

(4)
Exhibit G - Instructions for Preparation of Data Entry Sheets For Licensee Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET: 50 - 369

UNIT: McGuire 1

Date: 02/14/97

NARRATIVE SUMMARY

MONTH: January, 1996

McGuire Unit 1 began the month of January operating at 100% full power. The unit operated at or near 100% full power until 01/23/97 at 0533 when the unit began decreasing power and held at 22% power from 0848 to 1553 due to steam generator "D" feedwater containment isolation valve hydraulic leak. The unit began increasing power on 01/23/97 at 1553 and held at 28% power from 01/23/97 at 1730 to 01/24/97 at 1650 due to steam generator "D" feedwater containment isolation valve hydraulic leak repair. The unit returned to 100% full power on 01/25/97 at 1410 and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams
Telephone: (704) - 382-5346

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1

2. Scheduled next refueling shutdown: February 1997

3. Scheduled restart following refueling: May 1997

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 723

8. Present licensed fuel pool capacity: 1463
Size of requested or planned increase: ---

9. Projected date of last refueling which can be accommodated by present license capacity: March 2006***

DUKE POWER COMPANY DATE: February 14, 1997

Name of Contact: R. A. Williams Phone: (704) - 382-5346

# OPERATING DATA REPORT

DOCKET NO 50-370
DATE February 14, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: January 1, 1997-January 31, 1997
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1171
7. Maximum Dependable Capacity (Net MWe): 1129
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes *Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .90 power factor per Page iii, NUREG-0020.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reason For Restrictions, If any: _____

| | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|
| 11. Hours In Reporting Period | 744.0 | 744.0 | 113280.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 744.0 | 89086.6 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 744.0 | 88020.0 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 2521053 | 2521053 | 289623963 |
| 17. Gross Electrical Energy Generated (MWH) | 882033 | 882033 | 100955068 |
| 18. Net Electrical Energy Generated (MWH) | 851029 | 851029 | 96819274 |
| 19. Unit Service Factor | 100.0 | 100.0 | 77.7 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 77.7 |
| 21. Unit Capacity Factor (Using MDC Net) | 101.3 | 101.3 | 75.0 |
| 22. Unit Capacity Factor (Using DER Net) | 96.9 | 96.9 | 72.4 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 7.2 |

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

| | Forecast | Achieved |
|---|---|---|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

OPERATING DATA REPORT

DOCKET NO 50-370
UNIT McGuire 2
DATE February 14, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH January, 1997

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 1148 | 17 | 1149 |
| 2 | 1150 | 18 | 1149 |
| 3 | 1150 | 19 | 1150 |
| 4 | 1150 | 20 | 1054 |
| 5 | 1150 | 21 | 1091 |
| 6 | 1149 | 22 | 1149 |
| 7 | 1148 | 23 | 1150 |
| 8 | 1147 | 24 | 1148 |
| 9 | 1147 | 25 | 1149 |
| 10 | 1149 | 26 | 1149 |
| 11 | 1149 | 27 | 1149 |
| 12 | 1148 | 28 | 1148 |
| 13 | 1149 | 29 | 1148 |
| 14 | 1149 | 30 | 1147 |
| 15 | 1149 | 31 | 1150 |
| 16 | 1150 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1997

DOCKET NO. 50-370
UNIT NAME MCGUIRE 2
DATE 02/14/97
COMPLETED BY R. A. Williams
TELEPHONE (704)-382-5346

| NO. | DATE | (1) TYPE | DURATION HOURS | (2) REASON | (3) METHOD OF SHUTDOWN R/X | LICENSE EVENT REPORT NO. | (4) SYSTEM CODE | (5) COMPONENT CODE | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|---|---|---|---|---|---|---|---|---|---|
| 1-P | 97- 1-20 | F | -- | A | -- | | HA | BLOWER | ISOLATED PHASE BUSS FAN FAILURE |

(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-Operator Error (Explain)
H-Other (Explain)

(3)
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

(4)
Exhibit G - Instructions for Preparation of Data Entry Sheets For Licensee Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET: 50 - 370

UNIT: McGuire 2

Date: 02/14/97

NARRATIVE SUMMARY

MONTH: January, 1996

McGuire Unit 2 began the month of January operating at 100% full power. The unit operated at or near 100% full power until 01/20/97 at 1747, when the unit began decreasing power and held at 68% power from 01/20/97 at 1753 to 01/21/97 at 0038 due to isolated phase buss fan failure. The unit returned to 100% full power on 01/21/97 at 0855, and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams
Telephone: (704) - 382-5346

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2

2. Scheduled next refueling shutdown: September 1997

3. Scheduled restart following refueling: January 1998

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 969

8. Present licensed fuel pool capacity: 1463
Size of requested or planned increase: ---

9. Projected date of last refueling which can be accommodated by present license capacity: December 2003

DUKE POWER COMPANY DATE: February 14, 1997

Name of Contact: R. A. Williams Phone: (704) - 382-5346