# OPERATING DATA REPORT

DOCKET NO 50-269
DATE September 13, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: August 1, 1991-August 31, 1991
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

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 | 5831.0 | 158904.0 |
| 12. Number Of Hours Reactor Was Critical | 12.3 | 5069.4 | 120990.7 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 10.3 | 5064.4 | 118528.5 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 12336 | 12868752 | 289197742 |
| 17. Gross Electrical Energy Generated (MWH) | 3994 | 4433751 | 100078240 |
| 18. Net Electrical Energy Generated (MWH) | -152 | 4232333 | 95027588 |
| 19. Unit Service Factor | 1.4 | 86.8 | 74.6 |
| 20. Unit Availability Factor | 1.4 | 86.8 | 74.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 0.0 | 85.8 | 69.7 |
| 22. Unit Capacity Factor (Using DER Net) | 0.0 | 81.9 | 67.4 |
| 23. Unit Forced Outage Rate | 0.0 | 0.7 | 11.1 |

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Currently Refueling

25. If Shut Down At End Of Report Period. Estimated Date of Startup: September 25, 1991
26. Units In Test Status (Prior to Commercial Operation):

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

OPERATING DATA REPORT

DOCKET NO 50-269
UNIT Oconee 1
DATE September 13, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH August, 1991

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 136 | 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 | 0 |
| 8 | 0 | 24 | 0 |
| 9 | 0 | 25 | 0 |
| 10 | 0 | 26 | 0 |
| 11 | 0 | 27 | 0 |
| 12 | 0 | 28 | 0 |
| 13 | 0 | 29 | 0 |
| 14 | 0 | 30 | 0 |
| 15 | 0 | 31 | 0 |
| 16 | 0 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1991

DOCKET NO. 50-269
UNIT NAME OCONEE 1
DATE 09/13/91
COMPLETED BY S. W. MOSER
TELEPHONE (704)-373-5762

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 91- 8- 1 | S | 733.73 | C | 1 | | RC | FUELXX | END-OF-CYCLE 13 REFUELING OUTAGE |

(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 NO: 50-269

UNIT: Oconee 1

DATE: 9/13/91

NARRATIVE SUMMARY

MONTH: August 1991

Oconee Unit 1 began the month of August in a power reduction to take the unit off-line for its end-of-cycle '13' refueling outage. The unit was taken off-line at 1016 on 08/01. The unit remained in the outage for the duration of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1

2. Scheduled next refueling shutdown: Currently refueling

3. Scheduled restart following refueling: September 1991

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: 177
(b) in the spent fuel pool: 1022*
(c) in the ISFSI: 240****

8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: **

9. Projected date of last refueling which can be accommodated by present licensed capacity: February 2013***

DUKE POWER COMPANY DATE: September 13, 1991

Name of Contact: J. A. Reavis Phone: 704-373-7567

*Represents the combined total for Units 1 and 2
**On January 29, 1990, received a license for the ISFSI which will store 2112 assemblies
***This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.
****Represents the combined total for Units 1,2 and 3

# OPERATING DATA REPORT

DOCKET NO 50-270
DATE September 13, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: August 1, 1991-August 31, 1991
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

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 | 5831.0 | 148824.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 5831.0 | 116415.9 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 5831.0 | 114749.6 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1911816 | 14911248 | 277090838 |
| 17. Gross Electrical Energy Generated (MWH) | 658690 | 5180666 | 94533683 |
| 18. Net Electrical Energy Generated (MWH) | 629128 | 4962814 | 89977094 |
| 19. Unit Service Factor | 100.0 | 100.0 | 77.1 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 77.1 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.0 | 100.6 | 70.4 |
| 22. Unit Capacity Factor (Using DER Net) | 95.4 | 96.1 | 68.2 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 9.8 |

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 50-270
UNIT Oconee 2
DATE September 13, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH August, 1991

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 844 | 17 | 848 |
| 2 | 843 | 18 | 846 |
| 3 | 844 | 19 | 846 |
| 4 | 845 | 20 | 847 |
| 5 | 848 | 21 | 846 |
| 6 | 848 | 22 | 846 |
| 7 | 848 | 23 | 846 |
| 8 | 848 | 24 | 846 |
| 9 | 848 | 25 | 846 |
| 10 | 847 | 26 | 846 |
| 11 | 848 | 27 | 846 |
| 12 | 848 | 28 | 846 |
| 13 | 848 | 29 | 846 |
| 14 | 848 | 30 | 846 |
| 15 | 847 | 31 | 817 |
| 16 | 847 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1991

DOCKET NO. 50-270
UNIT NAME OCONEE 2
DATE 09/13/91
COMPLETED BY S. W. MOSER
TELEPHONE (704)-373-5762

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | NO | SHUTDOWNS | OR | | REDUCTION | S | | |

(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 License Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 9/13/91

NARRATIVE SUMMARY

MONTH: August 1991

Oconee Unit 2 began the month of August operating at 100% full power. The unit operated at 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2

2. Scheduled next refueling shutdown: January 1992

3. Scheduled restart following refueling: February 1992

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: 177
(b) in the spent fuel pool: 1022*
(c) in the ISFSI: See Unit 1****

8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: **

9. Projected date of last refueling which can be accommodated by present licensed capacity: October 2013***

DUKE POWER COMPANY DATE: September 13, 1991

Name of Contact: J. A. Reavis Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.
** See footnote on Unit 1
*** This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.
**** See footnote on Unit 1

# OPERATING DATA REPORT

DOCKET NO 50-287
DATE September 13, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: August 1, 1991-August 31, 1991
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

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 | 5831.0 | 146471.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 4744.1 | 111736.0 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 4704.2 | 110181.5 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1911216 | 11869728 | 272516289 |
| 17. Gross Electrical Energy Generated (MWH) | 657293 | 4106621 | 93931194 |
| 18. Net Electrical Energy Generated (MWH) | 628113 | 3921466 | 89572071 |
| 19. Unit Service Factor | 100.0 | 80.7 | 75.2 |
| 20. Unit Availability Factor | 100.0 | 80.7 | 75.2 |
| 21. Unit Capacity Factor (Using MDC Net) | 99.8 | 79.5 | 71.3 |
| 22. Unit Capacity Factor (Using DER Net) | 95.3 | 75.9 | 69.0 |
| 23. Unit Forced Outage Rate | 0.0 | 1.1 | 10.7 |

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 50-287
UNIT Oconee 3
DATE September 13, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH August, 1991

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 847 | 17 | 845 |
| 2 | 848 | 18 | 844 |
| 3 | 845 | 19 | 844 |
| 4 | 845 | 20 | 845 |
| 5 | 845 | 21 | 848 |
| 6 | 846 | 22 | 848 |
| 7 | 846 | 23 | 844 |
| 8 | 845 | 24 | 844 |
| 9 | 845 | 25 | 844 |
| 10 | 845 | 26 | 844 |
| 11 | 845 | 27 | 843 |
| 12 | 845 | 28 | 842 |
| 13 | 845 | 29 | 842 |
| 14 | 844 | 30 | 842 |
| 15 | 845 | 31 | 826 |
| 16 | 845 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1991

DOCKET NO. 50-287
UNIT NAME OCONEE 3
DATE 09/13/91
COMPLETED BY S. W. MOSER
TELEPHONE (704)-373-5762

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | NO | SHUTDOWNS | OR | | REDUCTION | S | | |

(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 License Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 9/13/91

NARRATIVE SUMMARY

MONTH: August 1991

Oconee Unit 3 began the month of August operating at 100% full power. The unit operated at 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3

2. Scheduled next refueling shutdown: June 1992

3. Scheduled restart following refueling: July 1992

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: 177
   (b) in the spent fuel pool: 580
   (c) in the ISFSI: See Unit 1****

8. Present licensed fuel pool capacity: 825
   Size of requested or planned increase: **

9. Projected date of last refueling which can be accommodated by present licensed capacity: July 2014***

DUKE POWER COMPANY DATE: September 13, 1991

Name of Contact: J. A. Reavis Phone: 704-373-7567

** See footnote on Unit 1
*** This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.
**** See footnote on Unit 1