

OPERATING DATA REPORT

DOCKET NO 50-269

DATE January 15, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: December 1, 1991-December 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 | 8760.0 | 161833.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 7287.4 | 123208.6 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 7246.7 | 120710.8 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1912440 | 18323808 | 294652798 |
| 17. Gross Electrical Energy Generated (MWH) | 663331 | 6311493 | 101955982 |
| 18. Net Electrical Energy Generated (MWH) | 634987 | 6014488 | 96809743 |
| 19. Unit Service Factor | 100.0 | 82.7 | 74.6 |
| 20. Unit Availability Factor | 100.0 | 82.7 | 74.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.9 | 81.2 | 69.7 |
| 22. Unit Capacity Factor (Using DER Net) | 96.3 | 77.5 | 67.5 |
| 23. Unit Forced Outage Rate | 0.0 | 2.6 | 11.1 |

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

NRC Calculated from Generator Nameplate Data:
1 037 937 KVA x 0.90 Pf=934 MW

9201230226 920115
PDR ADOCK 05000269
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE January 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH December, 1991

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | <u>847</u> |
| 2 | <u>848</u> |
| 3 | <u>850</u> |
| 4 | <u>854</u> |
| 5 | <u>854</u> |
| 6 | <u>855</u> |
| 7 | <u>855</u> |
| 8 | <u>855</u> |
| 9 | <u>854</u> |
| 10 | <u>855</u> |
| 11 | <u>854</u> |
| 12 | <u>854</u> |
| 13 | <u>855</u> |
| 14 | <u>854</u> |
| 15 | <u>854</u> |
| 16 | <u>853</u> |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | <u>853</u> |
| 18 | <u>853</u> |
| 19 | <u>854</u> |
| 20 | <u>854</u> |
| 21 | <u>855</u> |
| 22 | <u>854</u> |
| 23 | <u>854</u> |
| 24 | <u>854</u> |
| 25 | <u>854</u> |
| 26 | <u>854</u> |
| 27 | <u>854</u> |
| 28 | <u>854</u> |
| 29 | <u>854</u> |
| 30 | <u>853</u> |
| 31 | <u>853</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1991

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 01/15/92
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

| N O . | DATE | (1) T Y P E | DURATION HOURS | (2) R E A S O N | (3) M E T - H O D O F S H U T D O W N R/X | LICENSE EVENT REPORT NO. | (4) S Y S - T E M C O D E | (5) C O M P O N E N T C O D E | 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: 50-269

UNIT: Oconee 1

DATE: 1/15/92

NARRATIVE SUMMARY

MONTH: December 1991

Oconee Unit 1 began the month of December operating at 100% full power. The unit operated at 100% full power for the entire 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: November 1992
3. Scheduled restart following refueling: December 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: 950*
(c) in the ISFSI: 312****
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: January 15, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

* Represents the combined total for Units 1 and 2

** On January 29, 1990, received a license for 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

OPERATING STATUS

DOCKET NO 50-270

DATE January 15, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

1. Unit Name: Oconee 2
2. Reporting Period: December 1, 1991-December 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 | 8760.0 | 151753.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 8760.0 | 119344.9 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 8760.0 | 117678.6 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1864368 | 22345296 | 284524886 |
| 17. Gross Electrical Energy Generated (MWH) | 656807 | 7759314 | 97112331 |
| 18. Net Electrical Energy Generated (MWH) | 629031 | 7427944 | 92442224 |
| 19. Unit Service Factor | 100.0 | 100.0 | 77.6 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 77.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 99.9 | 100.2 | 71.0 |
| 22. Unit Capacity Factor (Using DER Net) | 95.4 | 95.7 | 68.7 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 9.6 |

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

Refueling - January 9, 1992, 55 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

NRC Calculated from Generator Nameplate Data:
1 037 937 KVA x 0.90 Pf=934 MW

OPERATING DATA REPORT

DOCKET NO 50-270
UNIT Oconee 2
DATE January 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH December, 1991

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u> |
|------------|--|------------|--|
| 1 | <u>848</u> | 17 | <u>848</u> |
| 2 | <u>846</u> | 18 | <u>847</u> |
| 3 | <u>843</u> | 19 | <u>846</u> |
| 4 | <u>842</u> | 20 | <u>850</u> |
| 5 | <u>841</u> | 21 | <u>850</u> |
| 6 | <u>842</u> | 22 | <u>853</u> |
| 7 | <u>843</u> | 23 | <u>853</u> |
| 8 | <u>843</u> | 24 | <u>853</u> |
| 9 | <u>846</u> | 25 | <u>853</u> |
| 10 | <u>846</u> | 26 | <u>850</u> |
| 11 | <u>846</u> | 27 | <u>847</u> |
| 12 | <u>847</u> | 28 | <u>846</u> |
| 13 | <u>847</u> | 29 | <u>844</u> |
| 14 | <u>847</u> | 30 | <u>844</u> |
| 15 | <u>846</u> | 31 | <u>809</u> |
| 16 | <u>846</u> | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1991

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 01/15/92
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

| N O . | DATE | (1) T Y P E | DURATION HOURS | (2) R E A S O N | (3) M E T - H O D O F S H U T D O W N R/X | LICENSE EVENT REPORT NO. | (4) S Y S - T E M C O D E | (5) C O M P O N E N T C O D E | 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: 1/15/92

NARRATIVE SUMMARY

MONTH: December 1991

Oconee Unit 2 began the month of December operating at 100% full power. The unit operated at 100% full power for the entire month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: March 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: 950
(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: January 15, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

* 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 January 15, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: December 1, 1991-December 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 | 8760.0 | 149400.0 |
| 12. Number Of Hours Reactor Was Critical | 0.0 | 6740.6 | 113732.5 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 0.0 | 6693.9 | 112171.3 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 0 | 16938336 | 277584897 |
| 17. Gross Electrical Energy Generated (MWH) | 0 | 5858354 | 95682927 |
| 18. Net Electrical Energy Generated (MWH) | -6808 | 5587815 | 91238420 |
| 19. Unit Service Factor | 0.0 | 76.4 | 75.1 |
| 20. Unit Availability Factor | 0.0 | 76.4 | 75.1 |
| 21. Unit Capacity Factor (Using MOC Net) | 0.0 | 75.4 | 71.2 |
| 22. Unit Capacity Factor (Using DER Net) | 0.0 | 72.0 | 68.9 |
| 23. Unit Forced Outage Rate | 100.0 | 12.9 | 11.2 |

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: January 6, 1992

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

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

NRC Calculated from Generator Nameplate Data:
1 037 937 KVA x 0.90 Pf=934 MW

OPERATING DATA REPORT

DOCKET NO 50-287
UNIT Oconee 3
DATE January 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH December, 1991

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u> |
|------------|--|
| 1 | <u>0</u> |
| 2 | <u>0</u> |
| 3 | <u>0</u> |
| 4 | <u>0</u> |
| 5 | <u>0</u> |
| 6 | <u>0</u> |
| 7 | <u>0</u> |
| 8 | <u>0</u> |
| 9 | <u>0</u> |
| 10 | <u>0</u> |
| 11 | <u>0</u> |
| 12 | <u>0</u> |
| 13 | <u>0</u> |
| 14 | <u>0</u> |
| 15 | <u>0</u> |
| 16 | <u>0</u> |

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u> |
|------------|--|
| 17 | <u>0</u> |
| 18 | <u>0</u> |
| 19 | <u>0</u> |
| 20 | <u>0</u> |
| 21 | <u>0</u> |
| 22 | <u>0</u> |
| 23 | <u>0</u> |
| 24 | <u>0</u> |
| 25 | <u>0</u> |
| 26 | <u>0</u> |
| 27 | <u>0</u> |
| 28 | <u>0</u> |
| 29 | <u>0</u> |
| 30 | <u>0</u> |
| 31 | <u>0</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1991

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 01/15/92
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

| N O . | DATE | (1) T Y P E | DURATION HOURS | (2) R E A S O N | (3) M E T- H O D O F S H U T D O W N R/X | LICENSE EVENT REPORT NO. | (4) S Y S- T E M C O D E | (5) C O M P O N E N T C O D E | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|-------------|----------|-------------------------|-------------------|-----------------------------------|---|-----------------------------------|--|--|--|
| 6 | 91-12- 1 | F | 185.12 | A | 3 | | ID | PIPEXX | RX COOLANT LEAK / INSTRUMENT LINE (INADEQUATE CORE COOLING MONITORING) FITTING |
| 7 | 91-12- 8 | F | 186.88 | A | -- | | RB | MOTORX | CONTROL ROD DRIVE MOTOR FAILURE DUE TO MOISTURE IN STATORS |
| 8 | 91-12-16 | F | 372.00 | A | -- | | CF | PIPEXX | LOW PRESSURE INJECTION LINE PIPING LEAKAGE 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 License
 Event Report (LER)
 File (NUREG-0161)

(5)
 Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 1/15/92

NARRATIVE SUMMARY

MONTH: December 1991

Oconee Unit 3 began the month of December in a forced outage due to a reactor coolant system leak at an instrument line fitting. During the heatup on 12/08 following repairs to the fitting, problems developed with the control rod drives. These problems were attributed to moisture in the stators. On 12/16, with the unit still shut down, a leak developed in a low pressure injection line. As of the end of the month, the unit remained shut down for repair of this leak.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: July 1992
3. Scheduled restart following refueling: August 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: January 15, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

** 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