

● Operating Data Report ●

Docket No. 50-269
 Date April 12, 1999
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: March 1, 1999 - March 31, 1999
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 Occured in Capacity Ratings (Items Number 3-7) 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 | YTD | Cumulative |
|---|------------|---------|------------|
| 11. Hours in Reporting Period | 744.0 | 2160.0 | 225361.0 |
| 12. Number of Hours Reactor was Critical | 744.0 | 2160.0 | 174467.2 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator On-Line | 744.0 | 2160.0 | 171390.1 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1909976 | 5506203 | 422012807 |
| 17. Gross Electrical Energy Generated (MWH) | 669321 | 1925420 | 145849180 |
| 18. Net Electrical Energy Generated (MWH) | 640749 | 1842766 | 138627027 |
| 19. Unit Service Factor | 100.0 | 100.0 | 76.1 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 76.1 |
| 21. Unit Capacity Factor (Using MDC Net) | 101.8 | 100.8 | 72.0 |
| 22. Unit Capacity Factor (Using DER Net) | 97.2 | 96.3 | 69.4 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 10.0 |
| 24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each) | | | |

25. If ShutDown 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

9904210270 990413
 PDR ADOCK 05000269
 R PDR

UNIT SHUTDOWNS

DOCKET NO. 50-269

UNIT NAME: Oconee 1

DATE: April 13, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: March, 1999

| No. | Date: | Type F - Forced S - Scheduled | Duration Hours | (1) Reason | (2) Method of Shutdown R/X | Licensed Event Report No. | Cause and Corrective Action to Prevent Recurrence |
|----------|-------|-------------------------------------|-------------------|------------|-------------------------------|---------------------------------|---|
| | | | No | Outages | for the Month | | |
| Summary: | | | | | | | |

(1) 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)

(2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: May 1999
3. Scheduled restart following refueling: July 1999

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: <u>177</u> |
| (b) | in the spent fuel pool: <u>998*</u> |
| (c) | in the ISFSI: <u>1056****</u> |
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 license capacity: March 2013***

DUKE POWER COMPANY

DATE: April 13, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** On March 29, 1990, received a license for ISFSI which will store 2112 assemblies

*** This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 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 | April 12, 1999 |
| Completed By | Roger Williams |
| Telephone | 704-382-5346 |

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: March 1, 1999 - March 31, 1999
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 Occured in Capacity Ratings (Items Number 3-7) 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 | YTD | Cumulative |
|---|------------|---------|------------|
| 11. Hours in Reporting Period | 744.0 | 2160.0 | 215281.0 |
| 12. Number of Hours Reactor was Critical | 713.1 | 2041.3 | 171083.1 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator On-Line | 702.5 | 2022.0 | 168778.2 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1787328 | 5150586 | 414551130 |
| 17. Gross Electrical Energy Generated (MWH) | 627464 | 1806738 | 142173669 |
| 18. Net Electrical Energy Generated (MWH) | 600036 | 1728001 | 135402299 |
| 19. Unit Service Factor | 94.4 | 93.6 | 78.4 |
| 20. Unit Availability Factor | 94.4 | 93.6 | 78.4 |
| 21. Unit Capacity Factor (Using MDC Net) | 95.3 | 94.6 | 73.6 |
| 22. Unit Capacity Factor (Using DER Net) | 91.0 | 90.3 | 71.0 |
| 23. Unit Forced Outage Rate | 5.6 | 6.4 | 9.9 |
| 24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each) | | | |

25. If ShutDown 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

UNIT SHUTDOWNS

DOCKET NO. 50-270UNIT NAME: Oconee 2DATE: April 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: March, 1999

| No. | Date: | Type F - Forced S - Scheduled | Duration Hours | (1) Reason | (2) Method of Shutdown R/X | Licensed Event Report No. | Cause and Corrective Action to Prevent Recurrence |
|-----|----------|-------------------------------------|-------------------|------------|-------------------------------|---------------------------------|--|
| 2 | 03/01/99 | F | 41.55 | A | 4 | | TURBINE\REACTOR TRIP DUE TO MAIN TURBINE CONTROL VALVES RAMPING CLOSED |

Summary:

The unit began the month of March in an outage due to main turbine control valves ramping closed. On 03/02/99 at 1733 the unit was placed on-line holding at 15% power until 03/02/99 at 2105 for chemistry sample update on reactor coolant system boron concentration. During power escalation, the unit held at 30% power from 2121 to 2341, 65% on 03/03/99 from 0231 to 0247 and 90% from 0505 to 0524 due to nuclear instrumentation calibration. The unit returned to 100% full power on 03/03/99 at 0632. On 03/26/99 at 1328 the unit began decreasing power and held at 95% power from 1340 to 1444 to perform control rod movement performance testing. The unit returned to 100% full power on 03/26/99 at 1500 and operated at or near 100% full power the remainder of the month.

(1) 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)

(2) Method

1 - Manual

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: November 1999
3. Scheduled restart following refueling: December 1999

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: 1056*
(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 license capacity: October 2013***

DUKE POWER COMPANY

DATE: April 13, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* 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 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

● Operating Data Report ●

| | |
|--------------|----------------|
| Docket No. | 50-287 |
| Date | April 12, 1999 |
| Completed By | Roger Williams |
| Telephone | 704-382-5346 |

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: March 1, 1999 - March 31, 1999
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 Occured in Capacity Ratings (Items Number 3-7) 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 | YTD | Cumulative |
|---|------------|---------|------------|
| 11. Hours in Reporting Period | 744.0 | 2160.0 | 212928.0 |
| 12. Number of Hours Reactor was Critical | 744.0 | 2134.1 | 165495.3 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator On-Line | 744.0 | 2125.1 | 163079.9 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1909976 | 5403894 | 406432122 |
| 17. Gross Electrical Energy Generated (MWH) | 670582 | 1905455 | 140422496 |
| 18. Net Electrical Energy Generated (MWH) | 643135 | 1826515 | 133919166 |
| 19. Unit Service Factor | 100.0 | 98.4 | 76.6 |
| 20. Unit Availability Factor | 100.0 | 98.4 | 76.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 102.2 | 100.0 | 73.6 |
| 22. Unit Capacity Factor (Using DER Net) | 97.6 | 95.4 | 71.0 |
| 23. Unit Forced Outage Rate | 0.0 | 1.6 | 10.3 |
| 24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each) | | | |

25. If ShutDown 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

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME: Oconee 3

DATE: April 13, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: March, 1999

| No. | Date: | Type F - Forced S - Scheduled | Duration Hours | (1) Reason | (2) Method of Shutdown R/X | Licensed Event Report No. | Cause and Corrective Action to Prevent Recurrence |
|----------|-------|-------------------------------------|-------------------|------------|-------------------------------|---------------------------------|---|
| | | | No | Outages | for the Month | | |
| Summary: | | | | | | | |

(1) 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)

(2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: April 2000
3. Scheduled restart following refueling: May 2000

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: <u>177</u> |
| (b) | in the spent fuel pool: <u>612</u> |
| (c) | in the ISFSI: <u>See Unit 1 ****</u> |
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 license capacity: July 2014***

DUKE POWER COMPANY

DATE: April 13, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

** See footnote of Unit 1

*** This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1