

OPERATING DATA REPORT

DOCKET NO 50-269

DATE August 15, 1996

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: July 1, 1996-July 31, 1996
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 | 5111.0 | 202008.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 5074.4 | 158763.1 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 5070.1 | 155952.7 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1910592 | 13004976 | 384473998 |
| 17. Gross Electrical Energy Generated (MWH) | 659134 | 4523770 | 132942189 |
| 18. Net Electrical Energy Generated (MWH) | 629461 | 4328533 | 126381607 |
| 19. Unit Service Factor | 100.0 | 99.2 | 77.2 |
| 20. Unit Availability Factor | 100.0 | 99.2 | 77.2 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.0 | 100.1 | 73.1 |
| 22. Unit Capacity Factor (Using DER Net) | 95.5 | 95.6 | 70.6 |
| 23. Unit Forced Outage Rate | 0.0 | 0.8 | 9.4 |
| 24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |

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

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

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

9608200246 960815
 PDR ADOCK 05000269
 R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE August 15, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH July, 1996

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u> |
|------------|--|------------|--|
| 1 | <u>851</u> | 17 | <u>835</u> |
| 2 | <u>850</u> | 18 | <u>837</u> |
| 3 | <u>848</u> | 19 | <u>847</u> |
| 4 | <u>851</u> | 20 | <u>846</u> |
| 5 | <u>850</u> | 21 | <u>846</u> |
| 6 | <u>850</u> | 22 | <u>846</u> |
| 7 | <u>850</u> | 23 | <u>846</u> |
| 8 | <u>849</u> | 24 | <u>846</u> |
| 9 | <u>849</u> | 25 | <u>845</u> |
| 10 | <u>850</u> | 26 | <u>844</u> |
| 11 | <u>850</u> | 27 | <u>844</u> |
| 12 | <u>849</u> | 28 | <u>844</u> |
| 13 | <u>848</u> | 29 | <u>843</u> |
| 14 | <u>848</u> | 30 | <u>843</u> |
| 15 | <u>841</u> | 31 | <u>843</u> |
| 16 | <u>838</u> | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 08/15/96
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH July 1996

| NO. | DATE | (1) TYPE | DURATION HOURS | (2) REASON | (3) METHOD OF SHUT DOWN R/X | LICENSE EVENT REPORT NO. | (4) SYS- TEM 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 Licensee
 Event Report (LER)
 File (NUREG-0161)
- (5)
 Exhibit I - Same Source

DOCKET: 50 - 269

UNIT: Oconee 1

DATE: 08/15/96

NARRATIVE SUMMARY

MONTH: July, 1996

Oconee Unit 1 began the month of July operating at 100% full power. The unit operated at or near 100% full power for the entire month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: April 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: 177
 (b) in the spent fuel pool: 998*
 (c) in the ISFSI: 936****
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: February 2013***

DUKE POWER COMPANY

DATE: August 15, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

- * 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 60 modules (1440 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 August 15, 1996

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: July 1, 1996-July 31, 1996
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 | 5111.0 | 191928.0 |
| 12. Number Of Hours Reactor Was Critical | 671.4 | 4105.1 | 153765.3 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 665.3 | 4064.6 | 151760.5 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1511832 | 10184688 | 371337278 |
| 17. Gross Electrical Energy Generated (MWH) | 521317 | 3560589 | 127181882 |
| 18. Net Electrical Energy Generated (MWH) | 493320 | 3393879 | 121135389 |
| 19. Unit Service Factor | 89.4 | 79.5 | 79.1 |
| 20. Unit Availability Factor | 89.4 | 79.5 | 79.1 |
| 21. Unit Capacity Factor (Using MDC Net) | 78.4 | 78.5 | 73.8 |
| 22. Unit Capacity Factor (Using DER Net) | 74.8 | 75.0 | 71.2 |
| 23. Unit Forced Outage Rate | 10.6 | 2.6 | 8.3 |
| 24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |

-
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 August 15, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH July, 1996

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u> |
|------------|--|------------|--|
| 1 | <u>854</u> | 17 | <u>0</u> |
| 2 | <u>854</u> | 18 | <u>48</u> |
| 3 | <u>854</u> | 19 | <u>219</u> |
| 4 | <u>854</u> | 20 | <u>215</u> |
| 5 | <u>854</u> | 21 | <u>250</u> |
| 6 | <u>585</u> | 22 | <u>832</u> |
| 7 | <u>845</u> | 23 | <u>851</u> |
| 8 | <u>853</u> | 24 | <u>851</u> |
| 9 | <u>854</u> | 25 | <u>850</u> |
| 10 | <u>854</u> | 26 | <u>849</u> |
| 11 | <u>854</u> | 27 | <u>850</u> |
| 12 | <u>853</u> | 28 | <u>850</u> |
| 13 | <u>839</u> | 29 | <u>850</u> |
| 14 | <u>607</u> | 30 | <u>851</u> |
| 15 | <u>13</u> | 31 | <u>817</u> |
| 16 | <u>0</u> | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 08/15/96
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH July 1996

| 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 |
|--------|----------|-------------------------|-------------------|-----------------------------------|---|-----------------------------------|--|--|--|
| | | | | | | | | | |
| 4-P | 96- 7- 6 | F | -- | A | -- | | RB | CRDRVE | CONTROL ROD DRIVE GROUP 7, ROD 3 DROPPED INTO CORE |
| 5-P | 96- 7- 6 | F | -- | B | -- | | IA | INSTRU | NUCLEAR INSTRUMENTATION CHECK |
| 6-P | 96- 7-14 | F | -- | A | -- | | RB | CRDRVE | CONTROL ROD DRIVE GROUP 7, ROD 3 DROPPED INTO CORE |
| 7-P | 96- 7-14 | F | -- | A | -- | | RB | CRDRVE | INVESTIGATE CONTROL ROD DRIVE GROUP 7, ROD 3 STATOR PROBLEM |
| 4 | 96- 7-15 | F | 78.70 | A | 1 | | RB | CRDRVE | REPAIR CONTROL ROD DRIVE GROUP 7, ROD 3 SHORTED STATOR |

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 08/15/96
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH July 1996

| NO. | DATE | (1) TYPE | DURATION HOURS | (2) REASON | (3) METHOD OF SHUT DOWN R/X | LICENSE EVENT REPORT NO. | (4) SYS- TEM CODE | (5) COMPONENT CODE | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|------|----------|-------------|-------------------|---------------|--|-----------------------------------|----------------------------|--------------------------|--|
| 8-P | 96- 7-18 | F | -- | A | -- | | HB | TURBIN | INVESTIGATE STEAM/WATER LEAK IN TURBINE BUILDING BASEMENT |
| 9-P | 96- 7-19 | F | -- | A | -- | | HB | HTEXCH | '2B' MOISTURE SEPARATOR/REHEATER DRAIN TANK LINE EXPANSION JOINT LEAK |
| 10-P | 96- 7-19 | F | -- | A | -- | | HB | HTEXCH | '2B' MOISTURE SEPARATOR/REHEATER DRAIN TANK LINE EXPANSION JOINT. 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 - 270

UNIT: Oconee 2

Date: 08/15/96

NARRATIVE SUMMARY

MONTH: July, 1996

Oconee Unit 2 began the month of July operating at 100% full power. The unit operated at or near 100% full power until 07/06/96 at 0344 when the unit began decreasing power and held from 0405 to 1520 at 50% power due to control rod drive 3, group 7 dropping into core. During power escalation, the unit held at 65% power from 1624 to 1641 due to nuclear instrumentation calibration check. On 07/14/96 at 2018 the unit began decreasing power and held from 07/14/96 at 2138 to 07/15/96 at 0326 at 28% power to investigate control rod drive group 7, rod 3 stator problems. The unit was taken off-line 07/15/96 at 0505 to repair control rod drive group 7, rod 3 shorted stator. The unit was placed on-line on 07/18/96 at 1147. On 07/18/96 the unit held at 18% power from 1200 to 2042 to investigate steam/water leak in turbine building basement. The unit held at 38% power on 07/19/96 from 0027 to 0100 due to '2B' moisture separator/reheater drain tank line expansion joint leak. The unit began decreasing power at 0100 and held at 31% power from 07/19/96 at 0220 to 07/21/96 at 2025 to repair '2B' moisture separator/reheater drain tank line expansion joint leak. The unit returned to 100% power on 07/22/96 at 0300 and operated at or near 100% full power the remainder of the month.

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

OPERATING DATA REPORT

DOCKET NO 50-287
 DATE August 15, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: July 1, 1996-July 31, 1996
3. Licensed Thermal Power (Mwt): 2560
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 | 5111.0 | 189575.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 4883.1 | 148559.9 |
| 13. Reactor Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 14. Hours Generator On-Line | 744.0 | 4880.1 | 146743.1 |
| 15. Unit Reserve Shutdown Hours | --0-- | --0-- | --0-- |
| 16. Gross Thermal Energy Generated (MWH) | 1911816 | 12506376 | 365531265 |
| 17. Gross Electrical Energy Generated (MWH) | 666724 | 4382043 | 126219682 |
| 18. Net Electrical Energy Generated (MWH) | 637891 | 4194091 | 120408269 |
| 19. Unit Service Factor | 100.0 | 95.5 | 77.4 |
| 20. Unit Availability Factor | 100.0 | 95.5 | 77.4 |
| 21. Unit Capacity Factor (Using MOC Net) | 101.4 | 97.0 | 74.2 |
| 22. Unit Capacity Factor (Using DER Net) | 96.8 | 92.6 | 71.6 |
| 23. Unit Forced Outage Rate | 0.0 | 4.5 | 9.7 |
| 24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |

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 50-287
 UNIT Oconee 3
 DATE August 15, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH July, 1996

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u> |
|------------|--|------------|--|
| 1 | <u>862</u> | 17 | <u>858</u> |
| 2 | <u>863</u> | 18 | <u>856</u> |
| 3 | <u>864</u> | 19 | <u>855</u> |
| 4 | <u>864</u> | 20 | <u>855</u> |
| 5 | <u>863</u> | 21 | <u>856</u> |
| 6 | <u>863</u> | 22 | <u>853</u> |
| 7 | <u>862</u> | 23 | <u>855</u> |
| 8 | <u>861</u> | 24 | <u>855</u> |
| 9 | <u>861</u> | 25 | <u>855</u> |
| 10 | <u>862</u> | 26 | <u>854</u> |
| 11 | <u>860</u> | 27 | <u>854</u> |
| 12 | <u>858</u> | 28 | <u>854</u> |
| 13 | <u>857</u> | 29 | <u>853</u> |
| 14 | <u>857</u> | 30 | <u>856</u> |
| 15 | <u>858</u> | 31 | <u>837</u> |
| 16 | <u>860</u> | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 08/15/96
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH July 1996

| NO. | DATE | (1) TYPE | DURATION HOURS | (2) OR | (3) MET- HOD OF SHUT DOWN R/X | LICENSE EVENT REPORT NO. | (4) SYS- TEM 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 Licensee
 Event Report (LER)
 File (NUREG-0161)
- (5)
 Exhibit I - Same Source

DOCKET: 50 - 287

UNIT: Oconee 3

Date: 08/15/96

NARRATIVE SUMMARY

MONTH: July, 1996

Oconee Unit 3 began the month of July operating at 100% full power. The unit operated at or near 100% full power for the entire month.

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

