

# OPERATING DATA REPORT

DOCKET NO 50-269

DATE April 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: March 1, 1991-March 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	2160.0	155233.0
12. Number Of Hours Reactor Was Critical	744.0	2160.0	118081.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2160.0	115624.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1926624	5519760	281848750
17. Gross Electrical Energy Generated (MWH)	661402	1905381	97549870
18. Net Electrical Energy Generated (MWH)	633406	1824024	92619279
19. Unit Service Factor	100.0	100.0	74.5
20. Unit Availability Factor	100.0	100.0	74.5
21. Unit Capacity Factor (Using MDC Net)	100.6	99.8	69.5
22. Unit Capacity Factor (Using DER Net)	96.1	95.3	67.3
23. Unit Forced Outage Rate	0.0	0.0	11.4
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - 8 weeks - July 25, 1991			

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

9104180221 910415  
PDR ADOCK 05000269  
R PDR

# OPERATING DATA REPORT

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

MONTH March, 1991

DAY      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>855</u>
2	<u>855</u>
3	<u>854</u>
4	<u>855</u>
5	<u>855</u>
6	<u>855</u>
7	<u>855</u>
8	<u>855</u>
9	<u>855</u>
10	<u>855</u>
11	<u>855</u>
12	<u>855</u>
13	<u>855</u>
14	<u>855</u>
15	<u>855</u>
16	<u>855</u>

DAY      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>854</u>
18	<u>852</u>
19	<u>851</u>
20	<u>846</u>
21	<u>846</u>
22	<u>845</u>
23	<u>845</u>
24	<u>846</u>
25	<u>845</u>
26	<u>845</u>
27	<u>847</u>
28	<u>846</u>
29	<u>845</u>
30	<u>849</u>
31	<u>854</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1991

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 04/15/91  
 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: 4/15/91

#### NARRATIVE SUMMARY

MONTH: March 1991

Oconee Unit 1 began the month of March 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 1
2. Scheduled next refueling shutdown: July 1991
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: 1095\*  
(c) in the ISFSI: 120\*\*\*\*
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: April 15, 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 April 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: March 1, 1991-March 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	2160.0	145153.0
12. Number Of Hours Reactor Was Critical	744.0	2160.0	112744.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2160.0	111078.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1911216	5547504	267727094
17. Gross Electrical Energy Generated (MWH)	666332	1932195	91285212
18. Net Electrical Energy Generated (MWH)	639747	1854230	86868510
19. Unit Service Factor	100.0	100.0	76.5
20. Unit Availability Factor	100.0	100.0	76.5
21. Unit Capacity Factor (Using MDC Net)	101.6	101.5	69.7
22. Unit Capacity Factor (Using DER Net)	97.1	96.9	67.5
23. Unit Forced Outage Rate	0.0	0.0	10.1

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# OPERATING DATA REPORT

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

MONTH March, 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>862</u>	17	<u>860</u>
2	<u>862</u>	18	<u>860</u>
3	<u>861</u>	19	<u>860</u>
4	<u>862</u>	20	<u>860</u>
5	<u>861</u>	21	<u>860</u>
6	<u>861</u>	22	<u>860</u>
7	<u>861</u>	23	<u>859</u>
8	<u>860</u>	24	<u>859</u>
9	<u>860</u>	25	<u>859</u>
10	<u>860</u>	26	<u>854</u>
11	<u>860</u>	27	<u>859</u>
12	<u>860</u>	28	<u>859</u>
13	<u>860</u>	29	<u>858</u>
14	<u>861</u>	30	<u>858</u>
15	<u>861</u>	31	<u>859</u>
16	<u>860</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1991

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 04/15/91  
 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: 4/15/91

NARRATIVE SUMMARY

MONTH: March 1991

Oconee Unit 2 began the month of March operating at 100% full power.

The unit operated at or near 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: December 1991
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: 1095\*  
(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: April 15, 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 April 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: March 1, 1991-March 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	2160.0	142800.0
12. Number Of Hours Reactor Was Critical	61.8	1113.0	108104.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	37.5	1084.5	106561.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	48696	2697648	263344209
17. Gross Electrical Energy Generated (MWH)	15368	947540	90772113
18. Net Electrical Energy Generated (MWH)	8108	900756	86551361
19. Unit Service Factor	5.0	50.2	74.6
20. Unit Availability Factor	5.0	50.2	74.6
21. Unit Capacity Factor (Using MDC Net)	1.3	49.3	70.6
22. Unit Capacity Factor (Using DER Net)	1.2	47.1	68.3
23. Unit Forced Outage Rate	0.0	0.0	11.0
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 April 15, 1991  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

MONTH March, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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>94</u>
31	<u>481</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1991

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 04/15/91  
 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
1	91- 3- 1	S	706.52	C	1		RC	FUELXX	END OF CYCLE "12" REFUELING OUTAGE
3-P	91- 3-30	S	--	H	--		ZZ	ZZZZZZ	PLACING GENERATOR ON LINE
4-P	91- 3-30	S	--	B	--		IF	INSTRU	POWER ESCALATION TESTING
5-P	91- 3-31	S	--	B	--		IF	INSTRU	POWER ESCALATION TESTING
6-P	91- 3-31	S	--	B	--		IF	INSTRU	POWER ESCALATION TESTING

(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: 50-287

UNIT: Oconee 3

DATE: 4/15/91

#### NARRATIVE SUMMARY

MONTH: March 1991

Oconee Unit 3 began the month of March shut down for its end-of-cycle "12" refueling outage. The unit returned on-line to end the outage at 1031 on 03/30. The outage was scheduled for 45 days, and had an actual duration of approximately 44 days 19 hours. The unit commenced a power increase at 1153 on 03/30. The unit was held three times for power escalation testing, with the first occurring at approximately 20% power from 1355 to 1725 on 03/30, the second at approximately 50% power from 0322 to 1009 on 03/31, and the third at approximately 70% power beginning at 1905 on 03/31. The unit ended the month being held at 70% power for power escalation testing.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: May 1992
3. Scheduled restart following refueling: June 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: April 15, 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