

# OPERATING DATA REPORT

DOCKET NO 50-269  
 DATE October 15, 1991  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: September 1, 1991-September 30, 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	720.0	6551.0	159624.0
12. Number Of Hours Reactor Was Critical	21.9	5091.3	121012.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	8.7	5073.1	118537.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	8640	12877392	289206382
17. Gross Electrical Energy Generated (MWH)	1544	4435295	100079784
18. Net Electrical Energy Generated (MWH)	-7810	4224523	95019778
19. Unit Service Factor	1.2	77.4	74.3
20. Unit Availability Factor	1.2	77.4	74.3
21. Unit Capacity Factor (Using MDC Net)	0.0	76.2	69.3
22. Unit Capacity Factor (Using DER Net)	0.0	72.8	67.1
23. Unit Forced Outage Rate	93.5	3.0	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: \_\_\_\_\_
26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

9110180238 911015  
 PDR ADOCK 05000269  
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# OPERATING DATA REPORT

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

MONTH September, 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>30</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1991

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 10/15/91  
 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
2	91- 9- 1	S	586.27	C	1		RC	FUELXX	END-OF-CYCLE '13' REFUELING OUTAGE
3	91- 9-25	F	85.73	A	1		SF	MOTORX	HIGH PRESSURE INJECTION PUMP AND MOTOR REPLACEMENT
4	91- 9-28	F	39.28	A	1		CB	MOTORX	REACTOR COOLANT PUMP MOTOR BALANCING
13-P	91- 9-30	S	--	H	--		ZZ	ZZZZZZ	HOLD TO PLACE TURBINE GENERATOR ON-LINE
14-P	91- 9-30	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION

(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: 10/15/91

#### NARRATIVE SUMMARY

MONTH: September 1991

Oconee Unit 1 began the month of September shut down for its end-of-cycle '13' refueling outage. The unit was placed on-line to end the refueling outage at 1518 on 09/30/91. The outage duration was 60 days. During the power increase, the unit was held at 22% power from 1708 to 2224 on 09/30/91 for nuclear instrumentation calibration. The unit ended the month in a power escalation at 3% per hour.

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: October 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 October 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: September 1, 1991-September 30, 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	720.0	6551.0	149544.0
12. Number Of Hours Reactor Was Critical	720.0	6551.0	117135.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6551.0	115469.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1848960	16760208	278939798
17. Gross Electrical Energy Generated (MWH)	635913	5816579	95169596
18. Net Electrical Energy Generated (MWH)	607175	5569989	90584269
19. Unit Service Factor	100.0	100.0	77.2
20. Unit Availability Factor	100.0	100.0	77.2
21. Unit Capacity Factor (Using MDC Net)	99.7	100.5	70.6
22. Unit Capacity Factor (Using DER Net)	95.2	96.0	68.3
23. Unit Forced Outage Rate	0.0	0.0	9.7

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

Refueling - January 2, 1992 - 8 weeks

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 October 15, 1991  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH September, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>845</u>
2	<u>845</u>
3	<u>845</u>
4	<u>844</u>
5	<u>844</u>
6	<u>844</u>
7	<u>844</u>
8	<u>844</u>
9	<u>843</u>
10	<u>845</u>
11	<u>845</u>
12	<u>845</u>
13	<u>845</u>
14	<u>845</u>
15	<u>845</u>
16	<u>844</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>843</u>
18	<u>844</u>
19	<u>844</u>
20	<u>844</u>
21	<u>845</u>
22	<u>844</u>
23	<u>844</u>
24	<u>844</u>
25	<u>844</u>
26	<u>844</u>
27	<u>844</u>
28	<u>845</u>
29	<u>846</u>
30	<u>815</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1991

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 10/15/91  
 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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source



DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 10/15/91

# NARRATIVE SUMMARY

MONTH: September 1991

Oconee Unit 2 began the month of September 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: October 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 October 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: September 1, 1991-September 30, 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	720.0	6551.0	147191.0
12. Number Of Hours Reactor Was Critical	720.0	5464.1	112456.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5424.2	110901.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1849584	13719312	274365873
17. Gross Electrical Energy Generated (MWH)	630193	4736814	94561387
18. Net Electrical Energy Generated (MWH)	602303	4523769	90174374
19. Unit Service Factor	100.0	82.8	75.3
20. Unit Availability Factor	100.0	82.8	75.3
21. Unit Capacity Factor (Using MDC Net)	98.9	81.6	71.4
22. Unit Capacity Factor (Using DER Net)	94.4	77.9	69.1
23. Unit Forced Outage Rate	0.0	0.9	10.6
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 October 15, 1991  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH September, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>842</u>
2	<u>842</u>
3	<u>842</u>
4	<u>841</u>
5	<u>840</u>
6	<u>840</u>
7	<u>840</u>
8	<u>839</u>
9	<u>839</u>
10	<u>839</u>
11	<u>839</u>
12	<u>838</u>
13	<u>834</u>
14	<u>837</u>
15	<u>837</u>
16	<u>833</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>830</u>
18	<u>832</u>
19	<u>833</u>
20	<u>834</u>
21	<u>834</u>
22	<u>831</u>
23	<u>830</u>
24	<u>832</u>
25	<u>837</u>
26	<u>837</u>
27	<u>837</u>
28	<u>838</u>
29	<u>838</u>
30	<u>833</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1991

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 10/15/91  
 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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Ocone 3

DATE: 10/15/91

#### NARRATIVE SUMMARY

MONTH: September 1991

Ocone Unit 3 began the month of September 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: October 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