

# OPERATING DATA REPORT

DOCKET NO 50-269

DATE November 13, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: October 1, 1992-October 31, 1992
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	745.0	7320.0	169153.0
12. Number Of Hours Reactor Was Critical	715.6	6815.2	130023.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	649.4	6726.5	127437.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1649280	17140488	311793286
17. Gross Electrical Energy Generated (MWH)	561096	5906770	107862752
18. Net Electrical Energy Generated (MWH)	531678	5634681	102444424
19. Unit Service Factor	87.2	91.9	75.3
20. Unit Availability Factor	87.2	91.9	75.3
21. Unit Capacity Factor (Using MDC Net)	84.4	91.0	70.6
22. Unit Capacity Factor (Using DER Net)	80.6	86.9	68.3
23. Unit Forced Outage Rate	12.8	8.1	10.9
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

9211160507 921113  
PDR ADDOCK 05000269  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Oconee 1  
 DATE November 13, 1992  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1992

<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>533</u>
6	<u>833</u>
7	<u>836</u>
8	<u>836</u>
9	<u>836</u>
10	<u>837</u>
11	<u>837</u>
12	<u>837</u>
13	<u>838</u>
14	<u>838</u>
15	<u>838</u>
16	<u>838</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>838</u>
18	<u>838</u>
19	<u>838</u>
20	<u>838</u>
21	<u>833</u>
22	<u>830</u>
23	<u>830</u>
24	<u>830</u>
25	<u>831</u>
26	<u>829</u>
27	<u>835</u>
28	<u>837</u>
29	<u>837</u>
30	<u>838</u>
31	<u>837</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1992

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 11/15/92  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-382-5263

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
5	92-10- 1	F	95.65	B	1		XX	XXXXXX	LOW PRESSURE SERVICE WATER FLOW VERIFICATION
12-P	92-10- 5	F	--	B	--		HH	PUMPXX	MAIN FEEDWATER PUMP SWAP
13-P	92-10- 5	F	--	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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 11/15/92

NARRATIVE SUMMARY

MONTH: October 1992

Oconee Unit 1 began the month of October in a power reduction to take the unit off-line. The unit was off-line from 10/1 at 0047 to 10/5 at 0026 for low pressure service water flow verification. The unit held at 56% power from 10/5 at 0739 to 1023 for main feedwater pump swapping. The unit held at 65% power from 10/5 at 1126 to 1141 for nuclear instrumentation calibrations. The unit held at 91% power from 1350 to 2018 for nuclear instrumentation calibrations. The unit reached 100% full power on 10/6 at 0203. The unit operated at or near 100% full power for the remainder of the month.

Prepared by: N. C. Simmons  
Telephone: 704-382-5263

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: December 1992
3. Scheduled restart following refueling: January 1993

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: 954\*  
(c) in the ISFSI: 480\*\*\*\*
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: November 13, 1992

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 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 November 13, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: October 1, 1992-October 31, 1992
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	745.0	7320.0	159073.0
12. Number Of Hours Reactor Was Critical	591.5	5765.3	125110.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	496.1	5640.5	123319.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1258536	14322648	298847534
17. Gross Electrical Energy Generated (MWH)	427773	4926703	102039034
18. Net Electrical Energy Generated (MWH)	399603	4687020	97129244
19. Unit Service Factor	66.6	77.1	77.5
20. Unit Availability Factor	66.6	77.1	77.5
21. Unit Capacity Factor (Using MDC Net)	63.4	75.7	71.2
22. Unit Capacity Factor (Using DER Net)	60.5	72.3	68.9
23. Unit Forced Outage Rate	33.4	5.0	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):

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 November 13, 1992  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1992

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>393</u>
5	<u>840</u>
6	<u>846</u>
7	<u>845</u>
8	<u>845</u>
9	<u>845</u>
10	<u>845</u>
11	<u>842</u>
12	<u>842</u>
13	<u>842</u>
14	<u>842</u>
15	<u>846</u>
16	<u>848</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
17	<u>855</u>
18	<u>855</u>
19	<u>760</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>608</u>
28	<u>852</u>
29	<u>854</u>
30	<u>855</u>
31	<u>810</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1992

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 11/15/92  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-382-5263

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	92-10- 1	F	76.57	B	1		XX	XXXXXX	LOW PRESSURE SERVICE WATER FLOW VERIFICATION
11-P	92-10- 4	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
12-P	92-10- 4	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
7	92-10-19	F	172.32	A	3		EC	BATTRY	REACTOR/TURBINE TRIP DUE TO SY2 BATTERY CHARGER PROBLEMS
13-P	92-10-27	F	--	A	--		HB	VALVEX	AIR LINE BLEW OFF OF MAIN STEAM BYPASS VALVE

(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: Ocone 2

DATE: 11/15/92

#### NARRATIVE SUMMARY

MONTH: October 1992

Ocone Unit 2 began the month of October in a power reduction to take the unit off-line. The unit was off-line from 10/1 at 0131 to 10/4 at 0605 for low pressure service water flow verification. The unit held at 30% power from 10/4 at 0840 to 0852 for nuclear instrumentation calibration. The unit held at 65% from 10/4 at 1320 to 1349 for Nuclear instrumentation calibrations and at 90% from 1702 to 1906 for nuclear instrumentation calibrations. The unit reached 100% full power on 10/4 at 2238. The unit automatically tripped from 100% full power on 10/19 at 2121 due to SY2 battery charger problems. The unit was placed on-line on 10/27 at 0040. The unit held at 15% power from 0040 to 0200 due to an air line blowing off of the main steam bypass valve. The unit reached 100% full power on 10/27 at 1810. The unit operated at or near 100% full power for the remainder of the month.

Prepared by: N. C. Simmons  
Telephone: 704-382-5263

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: May 1993
3. Scheduled restart following refueling: June 1993

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: 954\*  
(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: November 13, 1992

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 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 November 13, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: October 1, 1992-October 31, 1992
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	745.0	7320.0	156720.0
12. Number Of Hours Reactor Was Critical	536.8	5339.1	119071.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	426.4	5171.1	117342.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1068696	12889680	290474577
17. Gross Electrical Energy Generated (MWH)	362087	4409392	100092319
18. Net Electrical Energy Generated (MWH)	336021	4193000	95431420
19. Unit Service Factor	57.2	70.6	74.9
20. Unit Availability Factor	57.2	70.6	74.9
21. Unit Capacity Factor (Using MDC Net)	53.3	67.7	71.0
22. Unit Capacity Factor (Using DER Net)	50.9	64.7	68.7
23. Unit Forced Outage Rate	42.8	9.2	11.1
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 November 13, 1992  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1992

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>479</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>306</u>
16	<u>753</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>846</u>
18	<u>844</u>
19	<u>854</u>
20	<u>847</u>
21	<u>851</u>
22	<u>856</u>
23	<u>858</u>
24	<u>859</u>
25	<u>859</u>
26	<u>859</u>
27	<u>859</u>
28	<u>859</u>
29	<u>859</u>
30	<u>859</u>
31	<u>859</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1992

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 11/15/92  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-382-5263

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
17-P	92-10- 1	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
18-P	92-10- 1	F	--	A	--		XX	XXXXXX	OPERATER AIDED COMPUTER OUT OF SERVICE
19-P	92-10- 1	F	--	B	--		RC	INSTRU	POWER ESCALATION TESTING
13	92-10- 1	F	318.65	A	3		HA	GENERA	GENERATOR SEAL OIL PROBLEMS
20-P	92-10-15	F	--	B	--		CG	XXXXXX	HOLD FOR CHEMISTRY
21-P	92-10-15	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
22-P	92-10-16	F	--	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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 11/15/92

#### NARRATIVE SUMMARY

MONTH: October 1992

Oconee Unit 3 began the month of October increasing power following a reactor trip when control rod group 5 dropped into the core. The unit held at 65% power from 10/1 at 0211 to 0430 for nuclear instrumentation calibrations. The unit held at 71% power from 0615 to 0624 due to the operator aided computer being out of service. The unit held at 73% power from 0728 to 1140 for power escalation testing. The unit held at 83% power at 1551 due to generator seal oil problems. The unit started a load decrease at 1705 and the unit was off-line from 10/1 at 2036 to 10/15 at 0315 for generator seal oil problems. During power escalation, the unit held at 30% power from 0345 to 0800 for primary chemistry. The unit held at 65% power from 2140 to 2200 for nuclear instrumentation calibrations. The unit held at 72% power from 10/16 at 0045 to 0325 from nuclear instrumentation calibrations. The unit reached 100% full power on 10/16 at 2152. The unit operated at or near 100% full power for the remainder of the month.

Prepared by: N. C. Simmons  
Telephone: 704-382-5263

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: January 1993
3. Scheduled restart following refueling: February 1993

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: 516  
(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: November 13, 1992

Name of Contact: R. A. Williams

Phone: 704-382-5346

\*\* 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