

# OPERATING DATA REPORT

DOCKET NO 50-269

DATE December 15, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: November 1, 1992-November 30, 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	720.0	8040.0	169873.0
12. Number Of Hours Reactor Was Critical	720.0	7535.2	130743.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	7446.5	128157.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1839096	18979584	313632382
17. Gross Electrical Energy Generated (MWH)	635510	6542280	108498262
18. Net Electrical Energy Generated (MWH)	607098	6241779	103051522
19. Unit Service Factor	100.0	92.6	75.4
20. Unit Availability Factor	100.0	92.6	75.4
21. Unit Capacity Factor (Using MDC Net)	99.7	91.8	70.7
22. Unit Capacity Factor (Using DER Net)	95.2	87.6	68.4
23. Unit Forced Outage Rate	0.0	7.4	10.9
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - December 3, 1992 50 days			

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

9212210048 921215  
PDR ADDCK 05000269  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
UNIT Oconee 1  
DATE December 15, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH November, 1992

<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>837</u>	17	<u>846</u>
2	<u>837</u>	18	<u>845</u>
3	<u>837</u>	19	<u>845</u>
4	<u>839</u>	20	<u>846</u>
5	<u>839</u>	21	<u>846</u>
6	<u>839</u>	22	<u>846</u>
7	<u>842</u>	23	<u>844</u>
8	<u>841</u>	24	<u>846</u>
9	<u>842</u>	25	<u>846</u>
10	<u>843</u>	26	<u>846</u>
11	<u>842</u>	27	<u>846</u>
12	<u>843</u>	28	<u>847</u>
13	<u>842</u>	29	<u>847</u>
14	<u>843</u>	30	<u>847</u>
15	<u>844</u>		
16	<u>844</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1992

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 12/15/92  
 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
		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: 12/15/92

NARRATIVE SUMMARY

MONTH: November 1992

Oconee Unit 1 began the month of November operating at 100% full power. The unit operated at or near 100% full power for the entire 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: December 15, 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 December 15, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: November 1, 1992-November 30, 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	720.0	8040.0	159793.0
12. Number Of Hours Reactor Was Critical	720.0	6485.3	125830.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6360.5	124039.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1848336	16170984	300695870
17. Gross Electrical Energy Generated (MWH)	644382	5571085	102683416
18. Net Electrical Energy Generated (MWH)	616245	5303265	97745489
19. Unit Service Factor	100.0	79.1	77.6
20. Unit Availability Factor	100.0	79.1	77.6
21. Unit Capacity Factor (Using MDC Net)	101.2	78.0	71.3
22. Unit Capacity Factor (Using DER Net)	96.6	74.5	69.0
23. Unit Forced Outage Rate	0.0	4.5	9.3

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

Refueling - May 2, 1993 - 45 days

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 December 15, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH November, 1992

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>855</u>
2	<u>855</u>
3	<u>855</u>
4	<u>856</u>
5	<u>856</u>
6	<u>856</u>
7	<u>856</u>
8	<u>856</u>
9	<u>856</u>
10	<u>841</u>
11	<u>857</u>
12	<u>858</u>
13	<u>857</u>
14	<u>858</u>
15	<u>858</u>
16	<u>858</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
17	<u>858</u>
18	<u>859</u>
19	<u>859</u>
20	<u>859</u>
21	<u>860</u>
22	<u>860</u>
23	<u>859</u>
24	<u>860</u>
25	<u>859</u>
26	<u>860</u>
27	<u>859</u>
28	<u>860</u>
29	<u>860</u>
30	<u>817</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1992

DOCKET NO. 50-270  
UNIT NAME OCONEE 2  
DATE 12/15/92  
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
		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: 12/15/92

NARRATIVE SUMMARY

MONTH: November 1992

Oconee Unit 2 began the month of November operating at 100% full power. The unit operated at or near 100% full power for the entire 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: December 15, 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 December 15, 1992  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: November 1, 1992-November 30, 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	720.0	8040.0	157440.0
12. Number Of Hours Reactor Was Critical	720.0	6059.1	119791.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5891.1	118062.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1828008	14717688	292302585
17. Gross Electrical Energy Generated (MWH)	637920	5047312	100730239
18. Net Electrical Energy Generated (MWH)	610680	4803680	96042100
19. Unit Service Factor	100.0	73.3	75.0
20. Unit Availability Factor	100.0	73.3	75.0
21. Unit Capacity Factor (Using MDC Net)	100.3	70.6	71.2
22. Unit Capacity Factor (Using DER Net)	95.7	67.4	68.8
23. Unit Forced Outage Rate	0.0	8.2	11.1
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

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

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 December 15, 1992  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH November, 1992

<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>859</u>	17	<u>860</u>
2	<u>859</u>	18	<u>860</u>
3	<u>859</u>	19	<u>860</u>
4	<u>858</u>	20	<u>860</u>
5	<u>860</u>	21	<u>861</u>
6	<u>824</u>	22	<u>861</u>
7	<u>856</u>	23	<u>861</u>
8	<u>857</u>	24	<u>861</u>
9	<u>857</u>	25	<u>861</u>
10	<u>857</u>	26	<u>861</u>
11	<u>858</u>	27	<u>861</u>
12	<u>858</u>	28	<u>861</u>
13	<u>859</u>	29	<u>861</u>
14	<u>859</u>	30	<u>858</u>
15	<u>859</u>		
16	<u>859</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1992

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 12/15/92  
 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
23-P	92-11- 5	F	--	A	--		HA	GENERA	RUNBACK TO 22% POWER DUE TO LOSS OF STATOR COOLANT FLOW
24-P	92-11- 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: 50-287

UNIT: Oconee 3

DATE: 12/15/92

NARRATIVE SUMMARY

MONTH: November 1992

Oconee Unit 3 began the month of November operating at 100% full power. The unit experienced a runback to 22% power at 1214 on 11/5 when the generator stator coolant flow was loss. The unit started a power increase on 11/5 at 1915. The unit held at 65% power from 2242 to 11/6 at 0321 for nuclear instrumentation calibrations. The unit unit reached 100% full power 11/6 at 1630. 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: December 15, 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