

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-269  
 DATE April 15, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

1. Unit Name: Oconee 1
2. Reporting Period: March 1, 1994-March 31, 1994
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	181537.0
12. Number Of Hours Reactor Was Critical	744.0	2144.4	140867.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2141.4	138183.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1901952	5477232	339073414
17. Gross Electrical Energy Generated (MWH)	658834	1896453	117265226
18. Net Electrical Energy Generated (MWH)	630317	1813893	111420257
19. Unit Service Factor	100.0	99.1	76.1
20. Unit Availability Factor	100.0	99.1	76.1
21. Unit Capacity Factor (Using MDC Net)	100.1	99.3	71.6
22. Unit Capacity Factor (Using DER Net)	95.6	94.8	69.2
23. Unit Forced Outage Rate	0.0	0.9	10.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling - April 28, 1994 - 55 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

9404190270 940331  
 PDR ADDOCK 05000269  
 R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
UNIT Oconee 1  
DATE April 15, 1994  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH March, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>851</u>
2	<u>842</u>
3	<u>854</u>
4	<u>854</u>
5	<u>854</u>
6	<u>854</u>
7	<u>854</u>
8	<u>854</u>
9	<u>854</u>
10	<u>854</u>
11	<u>854</u>
12	<u>854</u>
13	<u>853</u>
14	<u>853</u>
15	<u>853</u>
16	<u>854</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>854</u>
18	<u>854</u>
19	<u>851</u>
20	<u>848</u>
21	<u>848</u>
22	<u>849</u>
23	<u>849</u>
24	<u>848</u>
25	<u>849</u>
26	<u>732</u>
27	<u>838</u>
28	<u>844</u>
29	<u>851</u>
30	<u>852</u>
31	<u>852</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1994

DOCKET NO. 50-269  
UNIT NAME OCONEE I  
DATE 04/15/94  
COMPLETED BY R. A. Williams  
TELEPHONE (704) 382-5346

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-P	94- 3-26	F	--	A	--		HH	PUMPXX	"1A" MAIN FEEDWATER PUMP TRIP

(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: 04/15/94

#### NARRATIVE SUMMARY

MONTH: March 1994

Oconee Unit 1 began the month of March operating at 100% full power. On 03/26/94 at 1455 the unit experienced a runback to 63% power and held until 2237 due to "1A" main feedwater pump trip. The unit returned to 100% full power on 03/27/94 at 0410. The unit operated the remainder of the month at or near 100% full power.

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 1994
3. Scheduled restart following refueling: June 1994

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 licence 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: 974\*  
(c) in the ISFSI: 624\*\*\*\*
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, 1994

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 licence 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 April 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: March 1, 1994-March 31, 1994
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	171457.0
12. Number Of Hours Reactor Was Critical	744.0	2160.0	136156.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2160.0	134296.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1913064	5550576	326967158
17. Gross Electrical Energy Generated (MWH)	667657	1939354	111816902
18. Net Electrical Energy Generated (MWH)	639556	1857485	106476555
19. Unit Service Factor	100.0	100.0	78.3
20. Unit Availability Factor	100.0	100.0	78.3
21. Unit Capacity Factor (Using MDC Net)	101.6	101.7	72.5
22. Unit Capacity Factor (Using DER Net)	97.0	97.1	70.0
23. Unit Forced Outage Rate	0.0	0.0	8.7

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

Refueling - September 22, 1994 - 55 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 April 15, 1994  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH March, 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>862</u>
2	<u>862</u>
3	<u>861</u>
4	<u>861</u>
5	<u>861</u>
6	<u>861</u>
7	<u>861</u>
8	<u>860</u>
9	<u>861</u>
10	<u>861</u>
11	<u>861</u>
12	<u>861</u>
13	<u>861</u>
14	<u>861</u>
15	<u>861</u>
16	<u>860</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>861</u>
18	<u>860</u>
19	<u>860</u>
20	<u>860</u>
21	<u>860</u>
22	<u>860</u>
23	<u>860</u>
24	<u>860</u>
25	<u>860</u>
26	<u>860</u>
27	<u>860</u>
28	<u>860</u>
29	<u>860</u>
30	<u>859</u>
31	<u>836</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1994DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 04/15/94COMPLETED BY R. A. WilliamsTELEPHONE (704) 382-5346

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: 50-270

UNIT: Oconee 2

Date: 04/15/94

#### NARRATIVE SUMMARY

MONTH: March 1994

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.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: September 1994
3. Scheduled restart following refueling: November 1994

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 licence 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: 974 \*  
(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, 1994

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 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

\*\*\*\* See footnote on Unit 1

# OPERATING DATA REPORT

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: March 1, 1994-March 31, 1994
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	169104.0
12. Number Of Hours Reactor Was Critical	509.3	593.8	129784.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	499.3	558.4	128012.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1222776	1321992	317661681
17. Gross Electrical Energy Generated (MWH)	426000	458592	109578852
18. Net Electrical Energy Generated (MWH)	402688	423234	104501004
19. Unit Service Factor	67.1	25.9	75.7
20. Unit Availability Factor	67.1	25.9	75.7
21. Unit Capacity Factor (Using MDC Net)	64.0	23.2	72.1
22. Unit Capacity Factor (Using DER Net)	61.1	22.1	69.7
23. Unit Forced Outage Rate	32.9	30.5	10.5

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, 1994  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH March, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>346</u>
2	<u>69</u>
3	<u>612</u>
4	<u>859</u>
5	<u>860</u>
6	<u>859</u>
7	<u>859</u>
8	<u>859</u>
9	<u>859</u>
10	<u>860</u>
11	<u>862</u>
12	<u>860</u>
13	<u>858</u>
14	<u>858</u>
15	<u>857</u>
16	<u>859</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>860</u>
18	<u>863</u>
19	<u>474</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>14</u>
29	<u>786</u>
30	<u>863</u>
31	<u>836</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1994

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 04/15/94  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704) 382-5346

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	94- 3- 1	F	27.23	A	3		HB	ACCUMU	(REACTOR/TURBINE TRIP) DUE TO HIGH MOISTURE SEPARATOR DRAIN TANK LEVEL
3	94- 3-19	F	217.48	A	1		CH	HTEXCH	"3A" STEAM GENERATOR LEAK REPAIR
3-P	94- 3-28	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
4-P	94- 3-29	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: 50-287

UNIT: Oconee 3

Date: 04/15/94

#### NARRATIVE SUMMARY

MONTH: March 1994

Oconee Unit 3 began the month of March operating at 100% power. On 03/01/94 at 1014 the unit experienced an automatic reactor/turbine trip due to high moisture separator tank level. The unit was placed on-line 03/02/94 at 1328. The unit returned to 100% full power on 03/04/94 at 0010. On 03/19/94 at 0929 the unit began a power decrease of 2 MWe/min. for shutdown due to "3A" steam generator leak repair. At 1631 the turbine generator was off-line and the reactor manually tripped. The unit was placed on-line 03/28/94 at 1800 and held during power escalation at 20% power from 2052 to 2100 due to nuclear instrumentation calibration. On 03/29/94 from 0130 to 0145 the unit held at 65% power due to nuclear instrumentation calibration. The unit returned to 100% full power at 1433 and operated at or near 100% for the remainder of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: June 1995
3. Scheduled restart following refueling: August 1995

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 licence 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: 528  
(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, 1994

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 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

\*\*\*\* See footnote on Unit 1