

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-269

DATE July 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 1
2. Reporting Period: June 1, 1994-June 30, 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	720.0	4343.0	183720.0
12. Number Of Hours Reactor Was Critical	134.5	2954.5	141677.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	91.1	2902.5	138944.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	137448	7312032	340908214
17. Gross Electrical Energy Generated (MWH)	51564	2534325	117903098
18. Net Electrical Energy Generated (MWH)	39811	2410754	112017118
19. Unit Service Factor	12.7	66.8	75.6
20. Unit Availability Factor	12.7	66.8	75.6
21. Unit Capacity Factor (Using MDC Net)	6.5	65.6	71.2
22. Unit Capacity Factor (Using DER Net)	6.2	62.7	68.8
23. Unit Forced Outage Rate	0.0	0.6	10.2

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

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

9407200268 940715  
PDR ADDOCK 05000269  
R PDR

# OPERATING DATA REPORT

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

MONTH June, 1994

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>85</u>
28	<u>425</u>
29	<u>648</u>
30	<u>844</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1994

DOCKET NO. 50-269

UNIT NAME OCONEE 1DATE 07/15/94COMPLETED 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
2	94- 6- 1	S	626.07	C	--		RC	FUELXX	END-OF-CYCLE 15 REFUELING OUTAGE
7-P	94- 6-27	S	--	B	--		HA	TURBIN	HOLDING AT 15% POWER FOR TURBINE OVERSPEED TRIP TEST
3	94- 6-27	S	2.80	B	--		HA	TURBIN	TURBINE OVERSPEED TRIP TEST
8-P	94- 6-27	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
9-P	94- 6-27	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
10-P	94- 6-28	S	--	B	--		RB	INSTRU	POWER ESCALATION TESTING
11-P	94- 6-29	S	--	B	--		RB	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: 50-269

UNIT: Oconee 1

Date: 07/15/94

#### NARRATIVE SUMMARY

MONTH: June 1994

Oconee Unit 1 began the month of June in end-of-cycle 15 refueling outage. The unit was in the refueling outage until 06/27 at 0204 for a total duration of 59.13 days. The unit held at 15% power until 06/27 at 1159 to conduct the turbine overspeed trip test. The unit was placed on-line at 1447 and began power escalation. The unit held at 23% power on 06/27 from 1615 to 2100 and also, at 30% power from 2332 to 06/28 at 0156 for calibration of nuclear instrumentation. The unit held at 71% power on 06/28 at 1855 to 06/29 at 0520 and also, at 73% power from 0555 to 1420 for power escalation testing. The unit returned to 100% power on 06/30 at 0245 and operated at or near 100% full power the remainder of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: November 1995
3. Scheduled restart following refueling: December 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: 1034\*  
(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: July 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

## OPERATING STATUS

DOCKET NO 50-270

DATE July 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 2
2. Reporting Period: June 1, 1994-June 30, 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	720.0	4343.0	173640.0
12. Number Of Hours Reactor Was Critical	720.0	4264.1	138260.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	4255.5	136392.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1848960	10881744	332298326
17. Gross Electrical Energy Generated (MWH)	642012	3793109	113670657
18. Net Electrical Energy Generated (MWH)	613754	3626920	108245990
19. Unit Service Factor	100.0	98.0	78.6
20. Unit Availability Factor	100.0	98.0	78.6
21. Unit Capacity Factor (Using MDC Net)	100.8	98.7	72.8
22. Unit Capacity Factor (Using DER Net)	96.2	94.3	70.3
23. Unit Forced Outage Rate	0.0	2.0	8.6

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

Refueling - October 06, 1994 - 44 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 July 15, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH June, 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>856</u>	17	<u>854</u>
2	<u>856</u>	18	<u>853</u>
3	<u>856</u>	19	<u>853</u>
4	<u>856</u>	20	<u>853</u>
5	<u>857</u>	21	<u>853</u>
6	<u>856</u>	22	<u>852</u>
7	<u>855</u>	23	<u>851</u>
8	<u>855</u>	24	<u>851</u>
9	<u>855</u>	25	<u>851</u>
10	<u>855</u>	26	<u>852</u>
11	<u>855</u>	27	<u>851</u>
12	<u>854</u>	28	<u>851</u>
13	<u>854</u>	29	<u>851</u>
14	<u>853</u>	30	<u>818</u>
15	<u>853</u>		
16	<u>854</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1994

DOCKET NO. 50-270  
UNIT NAME OCONEE 2  
DATE 07/15/94  
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
		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: 50-270

UNIT: Oconee 2

Date: 07/15/94

#### NARRATIVE SUMMARY

MONTH: June 1994

Oconee Unit 2 began the month of June 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: October 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: 1034 \*  
(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: July 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

DOCKET NO 50-287

DATE July 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: June 1, 1994-June 30, 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	720.0	4343.0	171287.0
12. Number Of Hours Reactor Was Critical	720.0	2776.8	131967.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	2741.4	130195.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1837872	6920664	323260353
17. Gross Electrical Energy Generated (MWH)	632683	2400957	111521217
18. Net Electrical Energy Generated (MWH)	605115	2283389	106361159
19. Unit Service Factor	100.0	63.1	76.0
20. Unit Availability Factor	100.0	63.1	76.0
21. Unit Capacity Factor (Using MDC Net)	99.3	62.2	72.5
22. Unit Capacity Factor (Using DER Net)	94.9	59.3	70.0
23. Unit Forced Outage Rate	0.0	8.2	10.3

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 July 15, 1994  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH June, 1994

<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>853</u>	17	<u>846</u>
2	<u>853</u>	18	<u>845</u>
3	<u>853</u>	19	<u>844</u>
4	<u>853</u>	20	<u>840</u>
5	<u>853</u>	21	<u>839</u>
6	<u>853</u>	22	<u>837</u>
7	<u>751</u>	23	<u>838</u>
8	<u>773</u>	24	<u>837</u>
9	<u>853</u>	25	<u>837</u>
10	<u>853</u>	26	<u>838</u>
11	<u>852</u>	27	<u>845</u>
12	<u>852</u>	28	<u>845</u>
13	<u>852</u>	29	<u>845</u>
14	<u>850</u>	30	<u>826</u>
15	<u>850</u>		
16	<u>848</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1994

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 07/15/94  
 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
		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: 50-287

UNIT: Oconee 3

Date: 07/15/94

#### NARRATIVE SUMMARY

MONTH: June 1994

Oconee Unit 3 began the month of June 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 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: July 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