

# OPERATING DATA REPORT

DOCKET NO 50-269

DATE March 13, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: February 1, 1992-February 29, 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	696.0	1440.0	163273.0
12. Number Of Hours Reactor Was Critical	696.0	1389.6	124598.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	696.0	1378.4	122089.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1784232	3509304	298162102
17. Gross Electrical Energy Generated (MWH)	618812	1215881	103171863
18. Net Electrical Energy Generated (MWH)	592930	1162656	97972399
19. Unit Service Factor	100.0	95.7	74.8
20. Unit Availability Factor	100.0	95.7	74.8
21. Unit Capacity Factor (Using MDC Net)	100.7	95.4	69.9
22. Unit Capacity Factor (Using DER Net)	96.2	91.1	67.7
23. Unit Forced Outage Rate	0.0	4.3	11.0

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

9203170048 920313  
PDR ADOCK 05000269  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
UNIT Oconee 1  
DATE March 13, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH February, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>854</u>
2	<u>854</u>
3	<u>853</u>
4	<u>854</u>
5	<u>855</u>
6	<u>854</u>
7	<u>853</u>
8	<u>858</u>
9	<u>856</u>
10	<u>847</u>
11	<u>854</u>
12	<u>854</u>
13	<u>854</u>
14	<u>854</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>853</u>
20	<u>854</u>
21	<u>854</u>
22	<u>808</u>
23	<u>854</u>
24	<u>854</u>
25	<u>854</u>
26	<u>853</u>
27	<u>852</u>
28	<u>849</u>
29	<u>853</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1992

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 03/13/92  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-373-8559

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-P	92- 2-22	F	--	B	--		HH	PUMPXX	RUNBACK DUE TO REACTOR COOLANT PUMP TRIPPING DURING SECONDARY SYSTEM PERFORMANCE TEST

(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: 3/13/92

NARRATIVE SUMMARY

MONTH: February 1992

Oconee Unit 1 began the month of February operating at 100% full power. The unit operated at 100% full power until 1444 on 02/22, when a reactor runback was initiated due a reactor coolant pump tripping during secondary system performance testing. The unit started increasing load to 100% at 1802 and reached 100% at 2255 on 02/22. The unit remained at 100% for the rest of the month.

Prepared by: N. C. Simmons  
Telephone: 704-373-8559

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: October 1992
3. Scheduled restart following refueling: November 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: 1002\*  
(c) in the ISFSI: 312\*\*\*\*
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: March 13, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987

\* 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  
UNIT Oconee 2  
DATE March 13, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH February, 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>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>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
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>

# OPERATING DATA REPORT

DOCKET NO 50-270

DATE March 13, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: February 1, 1992-February 29, 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	696.0	1440.0	153193.0
12. Number Of Hours Reactor Was Critical	0.0	195.5	119540.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	194.0	117872.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	502920	285027806
17. Gross Electrical Energy Generated (MWH)	0	162795	97275126
18. Net Electrical Energy Generated (MWH)	-3203	149220	92591444
19. Unit Service Factor	0.0	13.5	76.9
20. Unit Availability Factor	0.0	13.5	76.9
21. Unit Capacity Factor (Using MOC Net)	0.0	12.3	70.4
22. Unit Capacity Factor (Using DER Net)	0.0	11.7	68.2
23. Unit Forced Outage Rate	0.0	0.0	9.5

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

Currently refueling

25. If Shut Down At End Of Report Period. Estimated Date of Startup: March 6, 1992

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1992

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 03/13/92  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-373-8559

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
1	92- 2- 1	S	696.00	C	1		RC	FUELXX	END OF CYCLE 12 - REFUELING OUTAGE

(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: 3/13/92

#### NARRATIVE SUMMARY

MONTH: February 1992

Oconee Unit 2 began the month of February shut down for its end-of-cycle '12' refueling outage. The unit remained in the outage for the entire month.

Prepared by: N. C. Simmons  
Telephone: 704-373-8559

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: March 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: 1002\*  
(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: March 13, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987

\* 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 March 13, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: February 1, 1992-February 29, 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	696.0	1440.0	150840.0
12. Number Of Hours Reactor Was Critical	688.9	1285.5	115018.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	682.4	1272.4	113443.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1744176	3153072	280737969
17. Gross Electrical Energy Generated (MWH)	593379	1075216	96758143
18. Net Electrical Energy Generated (MWH)	568342	1025402	92263822
19. Unit Service Factor	98.1	88.4	75.2
20. Unit Availability Factor	98.1	88.4	75.2
21. Unit Capacity Factor (Using MDC Net)	96.5	84.2	71.3
22. Unit Capacity Factor (Using DER Net)	92.2	80.4	69.0
23. Unit Forced Outage Rate	2.0	11.6	11.2

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

Refueling - July 15, 1992 - 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 50-287  
UNIT Oconee 3  
DATE March 13, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH February, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>835</u>
2	<u>834</u>
3	<u>833</u>
4	<u>833</u>
5	<u>833</u>
6	<u>833</u>
7	<u>833</u>
8	<u>836</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>845</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>845</u>
18	<u>845</u>
19	<u>845</u>
20	<u>845</u>
21	<u>845</u>
22	<u>845</u>
23	<u>844</u>
24	<u>842</u>
25	<u>841</u>
26	<u>841</u>
27	<u>566</u>
28	<u>451</u>
29	<u>798</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1992

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 03/13/92  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-373-8559

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
3	92- 2-27	F	13.60	H	3		HA	GENERA	REACTOR TRIP ON TURBINE TRIP DUE TO A FALSE LOSS OF STATOR COOLANT SIGNAL

(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: 3/13/92

#### NARRATIVE SUMMARY

MONTH: February 1992

Oconee Unit 3 began the month of February at 100%. The unit operated at 100% until 1628 on 02/27 when a reactor and turbine/generator trip occurred due to a false loss of stator coolant signal. The generator was placed on-line at 0604 on 02/28. During power escalation the unit was held at 90% from 1428 to 1507 on 02/28 due to secondary problems, and at 96% from 1705 on 02/28 to 1355 on 02/29 due to high condensate flow and to isolate a feedwater recirculation line. The unit held at 96.5% from 1459 to 1508 on 02/29 due to ICS problems (Unit load demand would not increase). The unit reached 100% full power at 1600 on 02/29 and remained at 100% for the rest of the month.

Prepared by: N. C. Simmons  
Telephone: 704-373-8559

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: July 1992.
3. Scheduled restart following refueling: August 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: March 13, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987

\*\* 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