

# OPERATING DATA REPORT

## OPERATING STATUS

1. Unit Name: Oconee I
2. Reporting Period: April 1, 1997-April 30, 1997
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: \_\_\_\_\_

DOCKET NO 50-269

DATE May 15, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

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	719.0	2879.0	208560.0
12. Number Of Hours Reactor Was Critical	472.6	1538.7	161972.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	463.8	1513.6	159002.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1166688	3720096	392086150
17. Gross Electrical Energy Generated (MWH)	394106	1277879	135528955
18. Net Electrical Energy Generated (MWH)	372893	1205857	128816204
19. Unit Service Factor	64.5	52.6	76.2
20. Unit Availability Factor	64.5	52.6	76.2
21. Unit Capacity Factor (Using MDC Net)	61.3	49.5	72.2
22. Unit Capacity Factor (Using DER Net)	58.5	47.3	69.7
23. Unit Forced Outage Rate	35.5	18.2	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

9705210333 970515  
PDR ADOCK 05000269  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Oconee 1  
 DATE May 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH April, 1997

<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>33</u>
12	<u>371</u>
13	<u>846</u>
14	<u>847</u>
15	<u>852</u>
16	<u>854</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>854</u>
18	<u>853</u>
19	<u>853</u>
20	<u>852</u>
21	<u>852</u>
22	<u>848</u>
23	<u>845</u>
24	<u>844</u>
25	<u>845</u>
26	<u>845</u>
27	<u>845</u>
28	<u>844</u>
29	<u>844</u>
30	<u>844</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1997DOCKET NO. 50-269UNIT NAME OCONEE I.DATE 05/15/97COMPLETED 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
3	97- 4- 1	F	255.20	A	--		CB	PUMPXX	REPAIR "1A1" REACTOR COOLANT PUMP VIBRATION PROBLEMS
13-P	97- 4-11	F	--	A	--		HJ	VALVEX	REPAIR HEATER DRAIN VALVE "1HD-26"
14-P	97- 4-12	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: 05/15/97

### NARRATIVE SUMMARY

MONTH: April, 1997

Oconee Unit 1 began the month of April in an outage to repair "1A1" reactor coolant pump vibration problems. The unit was placed on-line 04/11/97 at 1612. During power escalation, the unit held at 27% from 04/11/97 at 1700 to 04/12/97 at 1235 to repair 1HD-26 heater drain valve. The unit held at 60% power from 1436 to 1731 due to "1A" main feedwater pump trip during pump start and would not reset from control room. The unit returned to 100% full power on 04/13/97 at 0128, 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: September 1997
3. Scheduled restart following refueling: October 1997

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: 974\*  
(c) in the ISFSI: 960\*\*\*\*
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 license capacity: February 2013\*\*\*

DUKE POWER COMPANY

DATE: May 15, 1997

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 48 modules (1152 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 May 15, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 1997-April 30, 1997
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	719.0	2879.0	198480.0
12. Number Of Hours Reactor Was Critical	517.8	1897.3	156907.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	515.8	1861.7	154862.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1312128	4752408	379257566
17. Gross Electrical Energy Generated (MWH)	460898	1651051	129920840
18. Net Electrical Energy Generated (MWH)	439316	1567421	123721166
19. Unit Service Factor	71.7	64.7	78.0
20. Unit Availability Factor	71.7	64.7	78.0
21. Unit Capacity Factor (Using MOC Net)	72.2	64.3	72.9
22. Unit Capacity Factor (Using DER Net)	69.0	61.5	70.3
23. Unit Forced Outage Rate	28.3	35.3	10.0
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 May 15, 1997  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH April, 1997

<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>866</u>	17	<u>865</u>
2	<u>866</u>	18	<u>866</u>
3	<u>867</u>	19	<u>866</u>
4	<u>867</u>	20	<u>866</u>
5	<u>867</u>	21	<u>865</u>
6	<u>866</u>	22	<u>256</u>
7	<u>866</u>	23	<u>0</u>
8	<u>866</u>	24	<u>0</u>
9	<u>866</u>	25	<u>0</u>
10	<u>865</u>	26	<u>0</u>
11	<u>865</u>	27	<u>0</u>
12	<u>860</u>	28	<u>0</u>
13	<u>865</u>	29	<u>0</u>
14	<u>864</u>	30	<u>0</u>
15	<u>865</u>		
16	<u>866</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1997DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 05/15/97COMPLETED 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
4-P	97- 4-22	F	--	A	--		CB	XXXXXX	INVESTIGATE REACTOR COOLANT SYSTEM LEAKAGE
3	97- 4-22	F	203.17	A	1		CB	PIPEXX	REPAIR WELD LEAK ON HIGH PRESSURE INJECTION LINE

(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: 05/15/97

### NARRATIVE SUMMARY

MONTH: April, 1997

Oconee Unit 2 began the month of April operating at 100% full power. The unit operated at or near 100% full power until 04/22/97 at 0352, when the unit began decreasing power due to excessive reactor coolant system leakage. The unit held at 20% power from 0908 to 1220 to investigate reactor coolant system leakage. Following the hold, the unit commenced power decrease to cold shutdown and the unit was taken off-line on 04/22/97 at 1250 to repair weld leak on high pressure injection line. The unit remained in the outage the remainder of the 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: March 1998
3. Scheduled restart following refueling: May 1998

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: 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 license capacity: October 2013\*\*\*

DUKE POWER COMPANY

DATE: May 15, 1997

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 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

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

# OPERATING DATA REPORT

DOCKET NO 50-287

DATE May 15, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 1997-April 30, 1997
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	719.0	2879.0	196127.0
12. Number Of Hours Reactor Was Critical	719.0	1301.8	151412.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	719.0	1108.4	149401.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1847736	2672376	372039009
17. Gross Electrical Energy Generated (MWH)	641338	908818	128452895
18. Net Electrical Energy Generated (MWH)	614467	849394	122514079
19. Unit Service Factor	100.0	38.5	76.2
20. Unit Availability Factor	100.0	38.5	76.2
21. Unit Capacity Factor (Using MDC Net)	101.0	34.9	73.1
22. Unit Capacity Factor (Using DER Net)	96.5	33.3	70.5
23. Unit Forced Outage Rate	0.0	48.0	10.1
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 May 15, 1997  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH April, 1997

<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>842</u>	17	<u>864</u>
2	<u>841</u>	18	<u>855</u>
3	<u>841</u>	19	<u>863</u>
4	<u>841</u>	20	<u>864</u>
5	<u>842</u>	21	<u>864</u>
6	<u>841</u>	22	<u>864</u>
7	<u>841</u>	23	<u>864</u>
8	<u>837</u>	24	<u>864</u>
9	<u>835</u>	25	<u>864</u>
10	<u>844</u>	26	<u>864</u>
11	<u>849</u>	27	<u>864</u>
12	<u>863</u>	28	<u>864</u>
13	<u>864</u>	29	<u>864</u>
14	<u>865</u>	30	<u>844</u>
15	<u>864</u>		
16	<u>865</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1997DOCKET NO. 50-287UNIT NAME OCONEE 3DATE 05/15/97COMPLETED 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 - 287

UNIT: Oconee 3

Date: 05/15/97

### NARRATIVE SUMMARY

MONTH: April, 1997

Oconee Unit 3 began the month of April 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: August 1998
3. Scheduled restart following refueling: October 1998

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: 552  
(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 license capacity: July 2014\*\*\*

DUKE POWER COMPANY

DATE: May 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

\*\* See footnote of Unit 1

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

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