

OPERATING DATA REPORT

DOCKET NO 50-269

DATE May 13, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 1994-April 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	719.0	2879.0	182256.0
12. Number Of Hours Reactor Was Critical	675.6	2820.0	141542.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	670.0	2811.4	138853.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1697352	7174584	340770766
17. Gross Electrical Energy Generated (MWH)	586308	2482761	117851534
18. Net Electrical Energy Generated (MWH)	559518	2373411	111979775
19. Unit Service Factor	93.2	97.7	76.2
20. Unit Availability Factor	93.2	97.7	76.2
21. Unit Capacity Factor (Using MDC Net)	92.0	97.5	71.7
22. Unit Capacity Factor (Using DER Net)	87.8	93.1	69.3
23. Unit Forced Outage Rate	0.0	0.7	10.2
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: June 16, 1994

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

9405190078 940513  
PDR ADOCK 05000269  
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Oconee 1  
 DATE May 13, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH April, 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>851</u>	17	<u>852</u>
2	<u>851</u>	18	<u>851</u>
3	<u>851</u>	19	<u>851</u>
4	<u>851</u>	20	<u>851</u>
5	<u>851</u>	21	<u>851</u>
6	<u>850</u>	22	<u>850</u>
7	<u>614</u>	23	<u>850</u>
8	<u>780</u>	24	<u>850</u>
9	<u>843</u>	25	<u>849</u>
10	<u>849</u>	26	<u>848</u>
11	<u>851</u>	27	<u>848</u>
12	<u>852</u>	28	<u>745</u>
13	<u>852</u>	29	<u>0</u>
14	<u>852</u>	30	<u>0</u>
15	<u>852</u>		
16	<u>851</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1994

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 05/13/94  
 COMPLETED BY R. A. WILLIAMS  
 TELEPHONE (704)-382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
3-P	94- 4- 7	F	--	A	--		RB	CONROD	DROPPED CONTROL ROD (GROUP 5, ROD 6)
4-P	94- 4- 7	F	--	A	--		RB	CONROD	INVESTIGATE AND RE-LATCH DROPPED CONTROL ROD (GROUP 5, ROD 6)
5-P	94- 4- 7	F	--	A	--		IA	XXXXXX	HOLD AT 53% POWER DUE TO LOWER REACTOR PROTECTION SYSTEM SETPOINT OF 65%
6-P	94- 4- 8	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECK
2	94- 4-28	S	49.00	C	1		RC	FUELXX	END-OF-CYCLE 15 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: 50-269

UNIT: Oconee 1

Date: 05/13/94

### NARRATIVE SUMMARY

MONTH: April 1994

Oconee Unit 1 began the month of April operating at 100% full power. On 04/07/94 at 1013 the unit began decreasing to 50% power due to dropped control rod (Group 5, Rod 6) and held until 1600. The unit increased to 55% power and held from 1800 to 2155 to continue investigation and re-latch of dropped control rod (Group 5, Rod 6). The unit held at 53% power on 04/07/94 at 2200 due to lower reactor protection system trip setpoint of 65%. The unit began increasing power at 2315 and held on 04/08/94 at 0003 at 61% power due to nuclear instrumentation calibration check. The unit returned to 100% full power on 04/08/94 at 0952. On 04/28/94 at 1915 the unit began power decrease for end-of-cycle 15 refueling outage. The unit was removed from service for end-of-cycle 15 refueling outage on 04/28/94 at 2300. The unit was 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 1
2. Scheduled next refueling shutdown: Currently Refueling
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: May 13, 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 May 13, 1994  
 COMPLETED BY R.B. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 1994-April 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	719.0	2879.0	172176.0
12. Number Of Hours Reactor Was Critical	640.1	2800.1	136796.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	631.5	2791.5	134928.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1571616	7122192	328538774
17. Gross Electrical Energy Generated (MWH)	545483	2484837	112362385
18. Net Electrical Energy Generated (MWH)	518526	2376011	106995081
19. Unit Service Factor	87.8	97.0	78.4
20. Unit Availability Factor	87.8	97.0	78.4
21. Unit Capacity Factor (Using MDC Net)	85.3	97.6	72.5
22. Unit Capacity Factor (Using DER Net)	81.4	93.2	70.1
23. Unit Forced Outage Rate	12.2	3.0	8.7
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - September 22, 1994 - 55 days</u>			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: \_\_\_\_\_
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-270  
 UNIT Oconee 2  
 DATE May 13, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH April, 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>860</u>	17	<u>859</u>
2	<u>860</u>	18	<u>859</u>
3	<u>860</u>	19	<u>859</u>
4	<u>860</u>	20	<u>853</u>
5	<u>860</u>	21	<u>859</u>
6	<u>375</u>	22	<u>858</u>
7	<u>0</u>	23	<u>858</u>
8	<u>0</u>	24	<u>859</u>
9	<u>0</u>	25	<u>858</u>
10	<u>881</u>	26	<u>858</u>
11	<u>503</u>	27	<u>857</u>
12	<u>780</u>	28	<u>858</u>
13	<u>852</u>	29	<u>857</u>
14	<u>854</u>	30	<u>834</u>
15	<u>859</u>		
16	<u>860</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1994

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 05/13/94  
 COMPLETED BY R. A. WILLIAMS  
 TELEPHONE (704)-382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	94- 4- 6	F	87.55	A	3		HH	PUMPXX	'2A' MAIN FEEDWATER PUMP TRIP (REACTOR/TURBINE TRIP)
1-P	94- 4-10	F	--	A	--		HH	PUMPXX	REPAIR '2A' MAIN FEEDWATER PUMP
2-P	94- 4-12	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECK

- (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: 05/13/94

### NARRATIVE SUMMARY

MONTH: April 1994

Oconee Unit 2 began the month of April operating at 100% full power. The unit experienced a runback to 52% power due to '2B' main feedwater pump trip caused by low hydraulic oil pressure on 04/06/94 at 1047. A reactor/turbine trip occurred on 04/06/94 at 1108 due to '2A' main feedwater pump trip caused by high discharge pressure. The turbine/generator was placed on-line 04/10/94 at 0241. The unit held at 60% power from 04/10/94 at 0847 to 04/12/94 at 0150 to repair '2A' main feedwater pump. The unit held at 65% power from 0249 to 0302 due to nuclear instrumentation calibration check. The unit returned to 100% full power on 04/12/94 at 0911 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 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: May 13, 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 May 13, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 1994-April 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	719.0	2879.0	169823.0
12. Number Of Hours Reactor Was Critical	719.0	1312.8	130503.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	719.0	1277.4	128731.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1849584	3171576	319511265
17. Gross Electrical Energy Generated (MWH)	646387	1104979	110225239
18. Net Electrical Energy Generated (MWH)	619610	1042844	105120614
19. Unit Service Factor	100.0	44.4	75.8
20. Unit Availability Factor	100.0	44.4	75.8
21. Unit Capacity Factor (Using MDC Net)	101.9	42.8	72.3
22. Unit Capacity Factor (Using DER Net)	97.3	40.9	69.8
23. Unit Forced Outage Rate	0.0	16.1	10.4
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 May 13, 1974  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH April, 1974

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>864</u>	17	<u>863</u>
2	<u>864</u>	18	<u>862</u>
3	<u>864</u>	19	<u>863</u>
4	<u>864</u>	20	<u>862</u>
5	<u>864</u>	21	<u>862</u>
6	<u>864</u>	22	<u>863</u>
7	<u>864</u>	23	<u>863</u>
8	<u>865</u>	24	<u>862</u>
9	<u>865</u>	25	<u>861</u>
10	<u>865</u>	26	<u>862</u>
11	<u>865</u>	27	<u>861</u>
12	<u>864</u>	28	<u>860</u>
13	<u>864</u>	29	<u>852</u>
14	<u>864</u>	30	<u>830</u>
15	<u>863</u>		
16	<u>864</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1994

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 05/13/94  
 COMPLETED BY R. A. WILLIAMS  
 TELEPHONE (704)-382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	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: 05/13/94

NARRATIVE SUMMARY

MONTH: April 1994

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: 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: May 13, 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