

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-269

DATE August 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 1
2. Reporting Period: July 1, 1994-July 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	5087.0	184464.0
12. Number Of Hours Reactor Was Critical	744.0	3698.5	142421.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	3646.5	139688.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1864368	9176400	342772582
17. Gross Electrical Energy Generated (MWH)	630978	3165303	118534076
18. Net Electrical Energy Generated (MWH)	601548	3012302	112618666
19. Unit Service Factor	100.0	71.7	75.7
20. Unit Availability Factor	100.0	71.7	75.7
21. Unit Capacity Factor (Using MDC Net)	95.6	70.0	71.3
22. Unit Capacity Factor (Using DER Net)	91.3	66.8	68.8
23. Unit Forced Outage Rate	0.0	0.5	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

9408250247 940815  
PDR ADOCK 05000269  
R PDR

# OPERATING DATA REPORT

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

MONTH July, 1994

DAY                      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>848</u>
2	<u>847</u>
3	<u>848</u>
4	<u>848</u>
5	<u>846</u>
6	<u>844</u>
7	<u>843</u>
8	<u>842</u>
9	<u>841</u>
10	<u>841</u>
11	<u>840</u>
12	<u>840</u>
13	<u>839</u>
14	<u>838</u>
15	<u>837</u>
16	<u>837</u>

DAY                      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>835</u>
18	<u>832</u>
19	<u>839</u>
20	<u>839</u>
21	<u>839</u>
22	<u>838</u>
23	<u>838</u>
24	<u>838</u>
25	<u>837</u>
26	<u>0</u>
27	<u>835</u>
28	<u>823</u>
29	<u>519</u>
30	<u>518</u>
31	<u>518</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1994

DOCKET NO. 50-269  
UNIT NAME OCONEE 1  
DATE 08/15/94  
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
12-P	94- 7-29	F	--	A	--		HH	PUMPXX	'1B' MAIN FEEDWATER PUMP REPAIR

(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: 08/15/94

#### NARRATIVE SUMMARY

MONTH: July 1994

Oconee Unit 1 began the month of July operating at 100% full power. On 07/28/94 at 2200 the unit began decreasing to 64% power and held from 07/29/94 at 0030 to 07/31/94 at 2400 due to '1B' main feedwater pump repair.

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: 1010\*  
(c) in the ISFSI: 648\*\*\*\*
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: August 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 August 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 2
2. Reporting Period: July 1, 1994-July 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	5087.0	174384.0
12. Number Of Hours Reactor Was Critical	644.8	4908.8	138905.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	641.7	4897.1	137033.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1642488	12524232	333940814
17. Gross Electrical Energy Generated (MWH)	566920	4360029	114237577
18. Net Electrical Energy Generated (MWH)	539935	4166855	108785925
19. Unit Service Factor	86.3	96.3	78.6
20. Unit Availability Factor	86.3	96.3	78.6
21. Unit Capacity Factor (Using MDC Net)	85.8	96.8	72.8
22. Unit Capacity Factor (Using DER Net)	81.9	92.5	70.4
23. Unit Forced Outage Rate	13.8	3.7	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: August 08, 1994

	Forecast	Achieved
26. Units In Test Status (Prior to Commercial Operation):		
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 August 15, 1994  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH July, 1994

DAY                      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>851</u>
2	<u>851</u>
3	<u>851</u>
4	<u>850</u>
5	<u>851</u>
6	<u>850</u>
7	<u>850</u>
8	<u>850</u>
9	<u>849</u>
10	<u>849</u>
11	<u>849</u>
12	<u>848</u>
13	<u>848</u>
14	<u>849</u>
15	<u>848</u>
16	<u>848</u>

DAY                      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>848</u>
18	<u>847</u>
19	<u>848</u>
20	<u>847</u>
21	<u>847</u>
22	<u>846</u>
23	<u>846</u>
24	<u>846</u>
25	<u>846</u>
26	<u>0</u>
27	<u>522</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1994DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 08/15/94COMPLETED 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- 7-27	F	102.33	A	1		CH	HTEXCH	'2A' STEAM GENERATOR TUBE LEAK

(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: 08/15/94

#### NARRATIVE SUMMARY

MONTH: July 1994

Oconee Unit 2 began the month of July operating at 100% full power. The unit operated at or near 100% full power until 07/27/94 at 1027 when the unit began decreasing to 90% power to evaluate a primary to secondary leak in '2A' steam generator. The unit was taken off-line on 07/27/94 at 1740 to repair '2A' steam generator tube leak. 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 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: 1010 \*  
(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: August 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 August 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: July 1, 1994-July 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	5087.0	172031.0
12. Number Of Hours Reactor Was Critical	436.3	3213.1	132404.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	427.2	3168.6	130622.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1063152	7983816	324323505
17. Gross Electrical Energy Generated (MWH)	363812	2764769	111885029
18. Net Electrical Energy Generated (MWH)	342693	2626082	106703852
19. Unit Service Factor	57.4	62.3	75.9
20. Unit Availability Factor	57.4	62.3	75.9
21. Unit Capacity Factor (Using MDC Net)	54.5	61.0	72.4
22. Unit Capacity Factor (Using DER Net)	52.0	58.3	70.0
23. Unit Forced Outage Rate	42.6	15.1	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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

MONTH July, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>845</u>
2	<u>845</u>
3	<u>845</u>
4	<u>845</u>
5	<u>503</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>481</u>
20	<u>841</u>
21	<u>843</u>
22	<u>842</u>
23	<u>842</u>
24	<u>842</u>
25	<u>841</u>
26	<u>0</u>
27	<u>841</u>
28	<u>840</u>
29	<u>840</u>
30	<u>840</u>
31	<u>822</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1994

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 08/15/94  
 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
4	94- 7- 5	F	316.78	A	1		CG	XXXXXX	'3A' AND '3B' LETDOWN COOLER LEAKS
5-P	94- 7-19	F	--	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: 50-287

UNIT: Oconee 3

Date: 08/15/94

#### NARRATIVE SUMMARY

MONTH: July 1994

Oconee Unit 3 began the month of July operating at 100% full power. On 07/05/94 at 1140 the unit began decreasing power and was taken off-line on 07/05/94 at 1623 due to '3A' and '3B' letdown cooler leaks. The unit was placed on-line 07/18/94 at 2110. During power escalation, the unit held at 65% power on 07/19/94 from 13:01 to 1321 for nuclear instrumentation calibration check. The unit returned to 100% full power on 07/20/94 at 0144. 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 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: August 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