

# OPERATING DATA REPORT

DOCKET NO 50-269

DATE August 15, 1995

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: July 1, 1995-July 31, 1995
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	193224.0
12. Number Of Hours Reactor Was Critical	744.0	4787.8	150882.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	4782.5	148127.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1898880	12264120	364428190
17. Gross Electrical Energy Generated (MWH)	659633	4254815	126007778
18. Net Electrical Energy Generated (MWH)	630056	4066835	119759444
19. Unit Service Factor	100.0	94.0	76.7
20. Unit Availability Factor	100.0	94.0	76.7
21. Unit Capacity Factor (Using MDC Net)	100.1	94.5	72.4
22. Unit Capacity Factor (Using DER Net)	95.6	90.2	69.9
23. Unit Forced Outage Rate	0.0	6.0	9.8

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

Refueling - October 26, 1995 - 40 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

9508230296 950815  
PDR ADDOCK 05000269  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
UNIT Oconee 1  
DATE August 15, 1995  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH July, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>849</u>
2	<u>849</u>
3	<u>849</u>
4	<u>849</u>
5	<u>849</u>
6	<u>844</u>
7	<u>849</u>
8	<u>849</u>
9	<u>849</u>
10	<u>848</u>
11	<u>848</u>
12	<u>847</u>
13	<u>848</u>
14	<u>847</u>
15	<u>847</u>
16	<u>847</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>847</u>
18	<u>846</u>
19	<u>847</u>
20	<u>846</u>
21	<u>846</u>
22	<u>846</u>
23	<u>846</u>
24	<u>845</u>
25	<u>845</u>
26	<u>845</u>
27	<u>845</u>
28	<u>845</u>
29	<u>845</u>
30	<u>845</u>
31	<u>844</u>

REPORT MONTH July 1995

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	L I C E N S E E V E N T R E P O R T N O.	(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	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
		NO	SHUTDOWNS	OR		REDUCTION	S		

- |     |                         |     |  |     |   |     |   |
|-----|-------------------------|-----|--|-----|---|-----|---|
| (1) | F Forced<br>S Scheduled | (2) | Reason:<br>A-Equipment Failure (Explain)<br>B-Maintenance or test<br>C-Refueling<br>D-Regulatory Restriction<br>E-Operator Training & License Examination<br>F-Administrative<br>G-Operator Error (Explain)<br>H-Other (Explain) | (3) | Method:<br>1-Manual<br>2-Manual Scram<br>3-Automatic Scram<br>4-Other (Explain) | (4) | Exhibit G - Instructions<br>for Preparation of Data<br>Entry Sheets For Licensee<br>Event Report (LER)<br>File (NUREG-0161) |
|     |                         |     |  |     |   | (5) | Exhibit I - Same Source   |

DOCKET: 50 - 269

UNIT: Oconee 1

DATE: 08/15/95

### NARRATIVE SUMMARY

MONTH: July 1995

Oconee Unit 1 began the month of July operating at 100% full power. The unit operated at or near 100% full power for the entire month.

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

### MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: October 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 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: 950\*  
(c) in the ISFSI: 816\*\*\*\*
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: August 15, 1995

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 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 August 15, 1995

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: July 1, 1995-July 31, 1995
3. Licensed Thermal Power (MWh): 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	183144.0
12. Number Of Hours Reactor Was Critical	744.0	4603.4	145987.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	4590.7	144022.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWh)	1908120	11718096	351721670
17. Gross Electrical Energy Generated (MWh)	659341	4044097	120371755
18. Net Electrical Energy Generated (MWh)	630891	3866500	114634070
19. Unit Service Factor	100.0	90.2	78.6
20. Unit Availability Factor	100.0	90.2	78.6
21. Unit Capacity Factor (Using MDC Net)	100.2	89.8	73.1
22. Unit Capacity Factor (Using DER Net)	95.7	85.8	70.6
23. Unit Forced Outage Rate	0.0	9.8	8.7

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 50-270  
UNIT Oconee 2  
DATE August 15, 1995  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH July, 1995

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>855</u>
2	<u>855</u>
3	<u>855</u>
4	<u>853</u>
5	<u>853</u>
6	<u>853</u>
7	<u>854</u>
8	<u>854</u>
9	<u>854</u>
10	<u>853</u>
11	<u>851</u>
12	<u>852</u>
13	<u>846</u>
14	<u>848</u>
15	<u>846</u>
16	<u>843</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>840</u>
18	<u>842</u>
19	<u>844</u>
20	<u>845</u>
21	<u>842</u>
22	<u>840</u>
23	<u>850</u>
24	<u>852</u>
25	<u>852</u>
26	<u>852</u>
27	<u>852</u>
28	<u>851</u>
29	<u>850</u>
30	<u>846</u>
31	<u>804</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1995

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 08/15/95  
 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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source



DOCKET: 50 - 270

UNIT: Oconee 2

Date: 08/15/95

#### NARRATIVE SUMMARY

MONTH: July 1995

Oconee Unit 2 began the month of July 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: April 1996
3. Scheduled restart following refueling: May 1996

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: 950\*  
  (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: August 15, 1995

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, 1995  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: July 1, 1995-July 31, 1995
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	180791.0
12. Number Of Hours Reactor Was Critical	231.0	3998.6	140025.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	211.7	3977.6	138214.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	483816	10144632	343678401
17. Gross Electrical Energy Generated (MWH)	166468	3534955	118604720
18. Net Electrical Energy Generated (MWH)	152192	3375943	113122280
19. Unit Service Factor	28.5	78.2	76.5
20. Unit Availability Factor	28.5	78.2	76.5
21. Unit Capacity Factor (Using MDC Net)	24.2	78.4	73.1
22. Unit Capacity Factor (Using DER Net)	23.1	74.9	70.6
23. Unit Forced Outage Rate	50.9	5.2	10.1

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, 1995  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH July, 1995

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>145</u>
24	<u>531</u>
25	<u>805</u>
26	<u>854</u>
27	<u>855</u>
28	<u>854</u>
29	<u>854</u>
30	<u>853</u>
31	<u>831</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287

UNIT NAME OCONEE 3

DATE 08/15/95

COMPLETED BY R. A. Williams

TELEPHONE (704)-382-5346

PAGE 1 OF 2

REPORT MONTH July 1995

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	95- 7- 1	S	310.98	C	--		RC	FUELXX	END-OF-CYCLE 15 REFUELING OUTAGE
2	95- 7-13	F	120.00	A	--		CB	XXXXXX	5 DAY OUTAGE DELAY DUE TO PRIMARY SYSTEM DRAIN LOW POINT
3	95- 7-18	F	48:00	A	--		WA	XXXXXX	2 DAY OUTAGE DELAY DUE TO MARBO PLUG RETRIEVAL PROBLEM
4	95- 7-20	F	51.50	A	--		CB	VALVEX	2.15 DAY OUTAGE DELAY DUE TO PRESSURIZER SPRAY STOP VALVE PACKING LEAK
5	95- 7-23	S	1.87	B	--		HA	TURBIN	TURBINE OVERSPEED TRIP TEST
2-P	95- 7-23	S	--	B	--		HA	INSTRU	TURBINE THRUST WEAR DETECTOR CALIBRATION
3-P	95- 7-23	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION

(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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 08/15/95  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

PAGE 2 OF 2

REPORT MONTH July 1995

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	95- 7-24	F	--	A	--		HD	VALVEX	INVESTIGATE HIGH PRESSURE EXTRACTION VALVE PROBLEM
5-P	95- 7-24	S	--	B	--		IA	XXXXXX	THERMAL POWER SECONDARY 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 - 287

UNIT: Oconee 3

Date: 08/15/95

## NARRATIVE SUMMARY

MONTH: July 1995

Oconee Unit 3 began the month of July in end-of-cycle 15 refueling outage. The refueling outage has been 46.15 days and was scheduled for 37 days. The refueling outage was delayed an additional; 5 days due to primary system drain low point, 2 days due to marbo plug retrieval problem, and 2.15 days due to pressurizer spray stop valve packing leak. The unit was placed on-line 07/23/95 at 0229. On 07/23/95 at 0758 the turbine overspeed trip test was performed and the unit was placed on-line at 0950. During power escalation, the unit held at 28% power from 1530 to 1705 due to turbine thrust wear detector calibration and nuclear instrumentation calibration. During power escalation the unit held at 45% power from 2312 to 07/24/95 at 0052 due to nuclear instrumentation calibration. The unit held at 50% power from 0305 to 0405 to investigate a high pressure extraction valve problem.. On 07/24/95 from 1215 to 2000 the unit held at 73% power due to thermal power secondary testing. The unit returned to 100% power on 07/25/95 at 1730, and operated at or near 100% power the remainder of the 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: October 1996
3. Scheduled restart following refueling: December 1996

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: 540  
(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: August 15, 1995

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 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

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