

OPERATING DATA REPORT

DOCKET NO 50-269

DATE November 13, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: October 1, 1998-October 31, 1998
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.

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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	745.0	7296.0	221737.0
12. Number Of Hours Reactor Was Critical	745.0	5839.9	170843.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	745.0	5791.6	167766.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1912441	14492765	412750750
17. Gross Electrical Energy Generated (MWH)	650928	4993796	142626951
18. Net Electrical Energy Generated (MWH)	621163	4749365	135544429
19. Unit Service Factor	100.0	79.4	75.7
20. Unit Availability Factor	100.0	79.4	75.7
21. Unit Capacity Factor (Using MDC Net)	98.6	76.9	71.5
22. Unit Capacity Factor (Using DER Net)	94.1	73.5	69.0
23. Unit Forced Outage Rate	0.0	20.6	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: None
  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

9811190037 981113  
PDR ADOCK 05000269  
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Oconee 1  
 DATE November 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>823</u>	17	<u>835</u>
2	<u>823</u>	18	<u>835</u>
3	<u>820</u>	19	<u>835</u>
4	<u>822</u>	20	<u>836</u>
5	<u>822</u>	21	<u>836</u>
6	<u>828</u>	22	<u>838</u>
7	<u>829</u>	23	<u>840</u>
8	<u>827</u>	24	<u>842</u>
9	<u>826</u>	25	<u>843</u>
10	<u>827</u>	26	<u>843</u>
11	<u>830</u>	27	<u>844</u>
12	<u>831</u>	28	<u>845</u>
13	<u>832</u>	29	<u>845</u>
14	<u>833</u>	30	<u>845</u>
15	<u>833</u>	31	<u>845</u>
16	<u>834</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 11/13/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH October 1998

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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

- (5)  
 Exhibit I - Same Source

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: June 1999
3. Scheduled restart following refueling: July 1999

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: 1094\*  
(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: November 13, 1998

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

DOCKET: 50 - 269

UNIT: Oconee 1

DATE: 11/13/98

### NARRATIVE SUMMARY

MONTH: October, 1998

Oconee Unit 1 began the month of October 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

OPERATING DATA REPORT

DOCKET NO 50-270

DATE November 13, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: October 1, 1998-October 31, 1998
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	745.0	7296.0	211657.0
12. Number Of Hours Reactor Was Critical	745.0	5548.6	167621.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	745.0	5363.3	165341.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1912441	13446253	405780280
17. Gross Electrical Energy Generated (MWH)	660259	4671542	139102780
18. Net Electrical Energy Generated (MWH)	630740	4443647	132465712
19. Unit Service Factor	100.0	73.5	78.1
20. Unit Availability Factor	100.0	73.5	78.1
21. Unit Capacity Factor (Using MDC Net)	100.1	72.0	73.2
22. Unit Capacity Factor (Using DER Net)	95.6	68.7	70.6
23. Unit Forced Outage Rate	0.0	4.8	10.0
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: None

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 November 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>844</u>	17	<u>849</u>
2	<u>844</u>	18	<u>849</u>
3	<u>839</u>	19	<u>849</u>
4	<u>844</u>	20	<u>849</u>
5	<u>845</u>	21	<u>850</u>
6	<u>840</u>	22	<u>850</u>
7	<u>841</u>	23	<u>851</u>
8	<u>843</u>	24	<u>852</u>
9	<u>846</u>	25	<u>852</u>
10	<u>847</u>	26	<u>852</u>
11	<u>847</u>	27	<u>852</u>
12	<u>848</u>	28	<u>853</u>
13	<u>848</u>	29	<u>853</u>
14	<u>848</u>	30	<u>853</u>
15	<u>848</u>	31	<u>812</u>
16	<u>849</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 11/13/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH October 1998

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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: November 1999
3. Scheduled restart following refueling: December 1999

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: 1094\*  
(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: November 13, 1998

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

DOCKET: 50 - 270

UNIT: Oconee 2

Date: 11/13/98

### NARRATIVE SUMMARY

MONTH: October, 1998

Oconee Unit 2 began the month of October 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

OPERATING DATA REPORT

DOCKET NO 50-287  
 DATE November 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: October 1, 1998-October 31, 1998
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	745.0	7296.0	209304.0
12. Number Of Hours Reactor Was Critical	186.0	-6737.0	163015.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	182.1	6733.1	160661.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	221259	16692410	400322542
17. Gross Electrical Energy Generated (MWH)	69741	5826286	138275542
18. Net Electrical Energy Generated (MWH)	60559	5568815	131878528
19. Unit Service Factor	24.5	92.3	76.8
20. Unit Availability Factor	24.5	92.3	76.8
21. Unit Capacity Factor (Using MDC Net)	9.6	90.2	73.7
22. Unit Capacity Factor (Using DER Net)	9.2	86.2	71.1
23. Unit Forced Outage Rate	0.0	0.0	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: November 28, 1998
  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 November 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	329
2	342
3	358
4	358
5	358
6	359
7	359
8	178
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 11/13/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH October 1998

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
6-P	98-10- 1	S	--	C	--		ZZ	FUELXX	CORE COASTDOWN TO MOVE REFUELING OUTAGE
7-P	98-10- 2	F	--	A	--		RB	CRDRVE	CONTROL ROD DRIVE POSITION ERROR
8-P	98-10- 2	S	--	C	--		ZZ	FUELXX	CORE COASTDOWN TO MOVE REFUELING OUTAGE
1	98-10- 8	S	562.88	C	1		RC	FUELXX	END-OF-CYCLE 17 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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: November 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: <u>177</u>
(b)	in the spent fuel pool: <u>612</u>
(c)	in the ISFSI: <u>See Unit 1 ****</u>
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: November 13, 1998

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

DOCKET: 50 - 287

UNIT: Oconee 3

Date: 11/13/98

### NARRATIVE SUMMARY

MONTH: October, 1998

Oconee Unit 3 began the month of October holding at 45% power due to core coastdown to end-of-cycle 17 refueling outage. While holding at approximately 45% power on 10/02/98 at 1531 the unit experienced a control rod drive position error for group 7, rod 5. On 10/02/98 at 1558 the integrated control system was returned to "AUTO" after realignment of control rod group 7, rod 5. The unit held at 48% power from 10/02/98 at 1603 to 10/08/98 at 1108 due to core coastdown to end-of-cycle 17 refueling outage. The unit began decreasing power on 10/08/98 at 1108 and was taken off-line on 10/08/98 at 1407 to begin end of cycle 17 refueling outage. The unit remained in the outage the remainder of the month.

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