

# CATEGORY 1

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50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.      05000270  
50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.      05000287

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RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for May 1998 for Oconee Nuclear Station, Units 1, 2 & 3. W/980615 ltr.

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Duke Power Company  
A Duke Energy Company  
Energy Center  
P.O. Box 1006  
Charlotte, NC 28201-1006

June 15, 1998

U.S Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Subject: Duke Energy Corporation  
Oconee Nuclear Station, Units 1, 2, and 3  
Docket Numbers 50-269, 50-270 and 50-287  
Monthly Performance and Operation Status - May, 1998

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of May, 1998.

Any questions or comments may be directed to Roger A. Williams at (704) 382-5346.

Sincerely,

Terry Dimmery, Manager  
Nuclear Business Support

Attachment  
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OPERATING DATA REPORT

DOCKET NO 50-269

DATE June 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: May 1, 1998-May 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	744.0	3623.0	218064.0
12. Number Of Hours Reactor Was Critical	744.0	2579.9	167583.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2543.1	164517.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1887172	6200179	404458164
17. Gross Electrical Energy Generated (MWH)	654333	2153650	139786805
18. Net Electrical Energy Generated (MWH)	626058	2044325	132839389
19. Unit Service Factor	100.0	70.2	75.4
20. Unit Availability Factor	100.0	70.2	75.4
21. Unit Capacity Factor (Using MDC Net)	99.5	66.7	71.2
22. Unit Capacity Factor (Using DER Net)	95.0	63.7	68.7
23. Unit Forced Outage Rate	0.0	29.8	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

OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Occonee 1  
 DATE June 15, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH May, 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>859</u>	17	<u>846</u>
2	<u>854</u>	18	<u>846</u>
3	<u>860</u>	19	<u>845</u>
4	<u>860</u>	20	<u>844</u>
5	<u>860</u>	21	<u>740</u>
6	<u>860</u>	22	<u>616</u>
7	<u>859</u>	23	<u>842</u>
8	<u>859</u>	24	<u>847</u>
9	<u>859</u>	25	<u>853</u>
10	<u>855</u>	26	<u>853</u>
11	<u>850</u>	27	<u>852</u>
12	<u>849</u>	28	<u>856</u>
13	<u>849</u>	29	<u>858</u>
14	<u>848</u>	30	<u>858</u>
15	<u>846</u>	31	<u>858</u>
16	<u>844</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1998

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 06/15/98  
 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
17-P	98- 5-21	F	--	A	--		HH	PUMPXX	REPAIR "1B" MAIN FEEDWATER PUMP OIL STRAINER
18-P	98- 5-21	F	--	H	--		RC	XXXXXX	XENON OSCILLATION
19-P	98- 5-21	F	--	H	--		RC	XXXXXX	XENON OSCILLATION
20-P	98- 5-21	F	--	A	--		HH	PUMPXX	XENON OSCILLATION CORRECTIONS

(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: June 15, 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: 06/15/98

### NARRATIVE SUMMARY

MONTH: May, 1998

Oconee Unit 1 began the month of May operating at 100% full power. The unit operated at or near 100% full power until 05/21/98 at 1607 when the unit began decreasing power and held at 60% power from 1819 to 1959 to repair "1B" main feedwater pump oil strainer. The unit decreased power on 05/21/98 at 1959 and held at 58% power from 2001 to 2006 and held at 59% power from 2310 to 2339 due to xenon oscillation. The unit began increasing power and held at 60% power on 05/21/98 at 2344 to 05/22/98 at 1140 due to xenon oscillation corrections. The unit returned to 100% full power on 05/22/98 at 1813 and operated at or near 100% full power the remainder of the month.

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



OPERATING DATA REPORT

DOCKET NO 50-270

DATE June 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: May 1, 1998-May 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	744.0	3623.0	207984.0
12. Number Of Hours Reactor Was Critical	229.8	1948.5	164021.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	181.1	1898.2	161876.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	225573	4609457	396943484
17. Gross Electrical Energy Generated (MWH)	73545	1613189	136044427
18. Net Electrical Energy Generated (MWH)	58429	1527049	129549114
19. Unit Service Factor	24.3	52.4	77.8
20. Unit Availability Factor	24.3	52.4	77.8
21. Unit Capacity Factor (Using MDC Net)	9.3	49.8	72.9
22. Unit Capacity Factor (Using DER Net)	8.9	47.6	70.3
23. Unit Forced Outage Rate	53.4	9.9	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                      \_\_\_\_\_

OPERATING DATA REPORT

DOCKET NO 50-270  
 UNIT Oconee 2  
 DATE June 15, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH May, 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>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>43</u>
9	<u>0</u>	25	<u>152</u>
10	<u>0</u>	26	<u>167</u>
11	<u>0</u>	27	<u>288</u>
12	<u>0</u>	28	<u>432</u>
13	<u>0</u>	29	<u>537</u>
14	<u>0</u>	30	<u>500</u>
15	<u>0</u>	31	<u>645</u>
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 06/15/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH May 1998

PAGE 1 OF 4

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	98- 5- 1	S	350.10	C	--		RC	FUELXX	END-OF-CYCLE 16 REFUELING OUTAGE
2	98- 5-15	F	111.38	A	--		CH	HTEXCH	4.64 DAY OUTAGE DELAY DUE TO STEAM GENERATOR TUBE PLUG LEAK
3	98- 5-20	F	24.00	A	--		HA	ELECON	1 DAY OUTAGE DELAY DUE TO GENERATOR BUS WORK
4	98- 5-21	F	72.00	A	--		RB	CRDRVE	3 DAY OUTAGE DELAY DUE TO CONTROL ROD DRIVE SYSTEM PROBLEMS
1-P	98- 5-24	S	--	A	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM
2-P	98- 5-24	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
5	98- 5-24	S	5.07	B	--		HA	TURBIN	TURBINE OVERSPEED TRIP TEST

(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. 50-270  
 UNIT NAME OCONEE 2  
 DATE 06/15/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH May 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
3-P	98- 5-24	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
6	98- 5-25	S	0.35	B	--		HA	XXXXXX	LOAD REJECTION TESTING
4-P	98- 5-25	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
5-P	98- 5-25	F	--	A	--		HA	TURBIN	HOLDING AT 20% POWER TO RESET MAIN TURBINE CONTACT BUFFERS
6-P	98- 5-25	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
7-P	98- 5-27	S	--	B	--		IA	INSTRU	POWER ESCALATION TESTING
8-P	98- 5-27	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM 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)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 06/15/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH May 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
9-P	98- 5-27	S	--	A	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM ADJUSTMENT
10-P	98- 5-28	F	--	A	--		IF	INSTRU	INVESTIGATE INTEGRATED CONTROL SYSTEM CONTROL PROBLEMS
11-P	98- 5-29	S	--	B	--		IF	INSTRU	POWER ESCALATION TESTING
12-P	98- 5-29	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
13-P	98- 5-29	F	--	A	--		HB	VALVEX	MAIN FEEDWATER PUMP SUCTION RELIEF VALVE LINE LEAK
14-P	98- 5-29	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
15-P	98- 5-30	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM 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:  
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 2-Manual Scram  
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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 06/15/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH May 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
16-P	98- 5-30	S	--	A	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM
17-P	98- 5-30	S	--	B	--		IF	INSTRU	INTEGRATED CONTROL SYSTEM TESTING
18-P	98- 5-30	F	--	A	--		ZZ	XXXXXX	HOLDING AT 64% POWER FOR SHIFT TURNOVER
19-P	98- 5-30	F	--	B	--		CB	INSTRU	REACTOR COOLANT SYSTEM FLOW CHECK/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  
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 3-Automatic Scram  
 4-Other (Explain)

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 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: June 15, 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: 06/15/98

### NARRATIVE SUMMARY

MONTH: May, 1998

Oconee Unit 2 began the month of May in end-of-cycle 16 refueling outage. End-of-cycle 16 refueling outage has spanned 71.64 days. The refueling outage was delayed for the following reasons; 4.64 days due to steam generator tube plug leak, 1 day due to generator bus work, 3 days due to control rod drive system problems. The unit was placed on-line 05/24/98 at 0529. The unit held at 15% power from 0529 to 0707 and at 17% power from 0712 to 1134 due integrated control system testing. On 05/24/98 at 1134 the turbine overspeed trip test was performed. The unit was placed on-line 05/24/98 at 1638. During power escalation the unit held at 24% power on 05/24/98 at 1850 to 05/25/98 at 2134 due to integrated control system testing. On 05/25/98 at 2134 the load rejection test was performed. The unit was placed on-line 05/25/98 at 2155 and held at 15% power until 2311 due to integrated control system testing. The unit increased power and held at 20% power from 2323 to 2329 to reset main turbine contact buffers. The unit continued power escalation, and held at 25% power from 05/25/98 at 2345 to 05/27/98 at 0208 due to integrated control system testing. The unit held at 28% power from 0232 to 1132 due to power escalation testing. The unit held at 50% power from 1617 to 2104 due to integrated control system testing. The unit held at 51% power from 2158 to 2244 due to integrated control system adjustment. The unit held at 53% power from 05/28/98 at 0026 to 05/29/98 at 0003 to investigate integrated control system control problems. The unit held at 59% power from 0324 to 0409 due to power escalation testing. The unit held at 65% power from 0723 to 1538 due to integrated control system testing. The unit held at 67% power from 1649 to 2100 due to main feedwater pump suction relief valve line leak. The unit held at 69% power from 05/29/98 at 2200 to 05/30/98 at 0439 due to integrated control system testing. The unit began maximum runback per integrated control system testing at 0439 and held at 50% power from 0440 to 0519 when the unit decreased to 47% power and held from 0521 to 0847 due to integrated control system testing. The unit began increasing power at 0847 and held at 57% power from 1355 to 1444 due to integrated control system testing. The unit held at 64% power from 1812 to 1839 for shift turnover. The unit held at 73% power from 05/30/98 at 2155 to 05/31/98 at 0208 due to reactor coolant system flow check/calibration. The unit ended the month holding at 81% power due to "2D1" heater drain pump repair.

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



OPERATING DATA REPORT

DOCKET NO 50-287

DATE June 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: May 1, 1998-May 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	744.0	3623.0	205631.0
12. Number Of Hours Reactor Was Critical	744.0	3623.0	159901.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	3623.0	157551.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1909359	9301501	392931633
17. Gross Electrical Energy Generated (MWH)	671512	3284666	135733922
18. Net Electrical Energy Generated (MWH)	643649	3148752	129458465
19. Unit Service Factor	100.0	100.0	76.6
20. Unit Availability Factor	100.0	100.0	76.6
21. Unit Capacity Factor (Using MDC Net)	102.3	102.7	73.7
22. Unit Capacity Factor (Using DER Net)	97.6	98.1	71.0
23. Unit Forced Outage Rate	0.0	0.0	10.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - October 16, 1998 - 45 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                      \_\_\_\_\_

OPERATING DATA REPORT

DOCKET NO 50-287  
 UNIT Oconee 3  
 DATE June 15, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH May, 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>867</u>	17	<u>868</u>
2	<u>867</u>	18	<u>867</u>
3	<u>866</u>	19	<u>867</u>
4	<u>866</u>	20	<u>867</u>
5	<u>866</u>	21	<u>867</u>
6	<u>864</u>	22	<u>867</u>
7	<u>863</u>	23	<u>867</u>
8	<u>863</u>	24	<u>867</u>
9	<u>863</u>	25	<u>867</u>
10	<u>863</u>	26	<u>866</u>
11	<u>867</u>	27	<u>866</u>
12	<u>867</u>	28	<u>861</u>
13	<u>867</u>	29	<u>860</u>
14	<u>868</u>	30	<u>860</u>
15	<u>868</u>	31	<u>846</u>
16	<u>868</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 06/15/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH May 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 3
2. Scheduled next refueling shutdown: October 1998
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: 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: June 15, 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: 06/15/98

### NARRATIVE SUMMARY

MONTH: May, 1998

Oconee Unit 3 began the month of May 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

OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

April 1998

1. Personnel Exposure -

The total station liquid release for April has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for April has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.