

OPERATING DATA REPORT

DOCKET NO 50-269

DATE December 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: November 1, 1998-November 30, 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	720.0	8016.0	222457.0
12. Number Of Hours Reactor Was Critical	720.0	6559.9	171563.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6511.6	168486.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1846495	16339260	414597245
17. Gross Electrical Energy Generated (MWH)	638759	5632555	143265710
18. Net Electrical Energy Generated (MWH)	610555	5359920	136154984
19. Unit Service Factor	100.0	81.2	75.7
20. Unit Availability Factor	100.0	81.2	75.7
21. Unit Capacity Factor (Using MDC Net)	100.2	79.0	71.6
22. Unit Capacity Factor (Using DER Net)	95.7	75.5	69.0
23. Unit Forced Outage Rate	0.0	18.8	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: 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

9812230195 981215
PDR ADOCK 05000269
R PDR

OPERATING DATA REPORT

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

MONTH November, 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>846</u>	17	<u>851</u>
2	<u>846</u>	18	<u>851</u>
3	<u>844</u>	19	<u>851</u>
4	<u>838</u>	20	<u>851</u>
5	<u>842</u>	21	<u>851</u>
6	<u>846</u>	22	<u>852</u>
7	<u>843</u>	23	<u>852</u>
8	<u>847</u>	24	<u>852</u>
9	<u>847</u>	25	<u>852</u>
10	<u>848</u>	26	<u>852</u>
11	<u>848</u>	27	<u>852</u>
12	<u>848</u>	28	<u>846</u>
13	<u>849</u>	29	<u>842</u>
14	<u>850</u>	30	<u>842</u>
15	<u>851</u>		
16	<u>851</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1998

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 12/15/98
 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
		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: December 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: 12/15/98

NARRATIVE SUMMARY

MONTH: November, 1998

Oconee Unit 1 began the month of November 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 December 15, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: November 1, 1998-November 30, 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	720.0	8016.0	212377.0
12. Number Of Hours Reactor Was Critical	676.6	6225.2	168297.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	670.7	6034.0	166012.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1710288	15156541	407490568
17. Gross Electrical Energy Generated (MWH)	595848	5267390	139698628
18. Net Electrical Energy Generated (MWH)	568236	5011883	133033948
19. Unit Service Factor	93.2	75.3	78.2
20. Unit Availability Factor	93.2	75.3	78.2
21. Unit Capacity Factor (Using MDC Net)	93.3	73.9	73.3
22. Unit Capacity Factor (Using DER Net)	89.1	70.6	70.7
23. Unit Forced Outage Rate	6.9	5.0	9.9
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 December 15, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH November, 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>854</u>	17	<u>858</u>
2	<u>855</u>	18	<u>857</u>
3	<u>345</u>	19	<u>857</u>
4	<u>0</u>	20	<u>857</u>
5	<u>232</u>	21	<u>858</u>
6	<u>857</u>	22	<u>858</u>
7	<u>858</u>	23	<u>859</u>
8	<u>859</u>	24	<u>859</u>
9	<u>859</u>	25	<u>859</u>
10	<u>859</u>	26	<u>859</u>
11	<u>859</u>	27	<u>856</u>
12	<u>859</u>	28	<u>857</u>
13	<u>860</u>	29	<u>862</u>
14	<u>860</u>	30	<u>823</u>
15	<u>859</u>		
16	<u>859</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1998

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 12/15/98
 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
9	98-11- 3	F	49.32	A	3		HH	PUMPXX	REACTOR/TURBINE TRIP DUE TO BOTH MAIN FEEDWATER PUMPS TRIPPING
28-P	98-11- 5	F	--	A	--		HH	PUMPXX	MAIN FEEDWATER PUMPS TRIPPED
29-P	98-11- 5	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECK
30-P	98-11- 5	F	--	A	--		HH	PUMPXX	HOLDING AT 56% POWER TO PLACE "2A" MAIN FEEDWATER PUMP IN-SERVICE

(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: December 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: 12/15/98

NARRATIVE SUMMARY

MONTH: November, 1998

Oconee Unit 2 began the month of November operating at 100% full power. The unit experienced a reactor/turbine trip on 11/03/98 at 1016 due to loss of both main feedwater pumps tripping. The unit was placed on-line 11/05/98 at 1135 and held at 15% power. The unit began increasing power at 1239 and held at 30% power from 1400 to 1420 due to nuclear instrumentation calibration check. The unit held at 56% power from 1715 to 1729 to place "2A" main feedwater pump in-service. The unit returned to 100% full power on 11/05/98 at 2257 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 50-287

DATE December 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: November 1, 1998-November 30, 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	720.0	8016.0	210024.0
12. Number Of Hours Reactor Was Critical	0.0	6737.0	163015.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	6733.1	160661.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	16692410	400322542
17. Gross Electrical Energy Generated (MWH)	0	5826286	138275542
18. Net Electrical Energy Generated (MWH)	-3414	5565401	131875114
19. Unit Service Factor	0.0	84.0	76.5
20. Unit Availability Factor	0.0	84.0	76.5
21. Unit Capacity Factor (Using MDC Net)	0.0	82.1	73.5
22. Unit Capacity Factor (Using DER Net)	0.0	78.4	70.8
23. Unit Forced Outage Rate	100.0	2.3	10.2
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Currently Refueling</u>			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: December 10, 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 December 15, 1998
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH November, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
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>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
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>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 12/15/98
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH November 1998

PAGE 1 OF 2

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	98-11- 1	S	565.02	C	--		RC	FUELXX	END-OF-CYCLE 17 REFUELING OUTAGE
2	98-11-24	F	36.00	A	--		FD	FUELXX	1.50 DAY OUTAGE DELAY DUE TO FUEL HANDLING EQUIPMENT PROBLEMS
3	98-11-26	F	37.00	A	--		CB	PUMPXX	1.54 DAY OUTAGE DELAY DUE TO REACTOR COOLANT PUMP WORK
4	98-11-27	F	16.00	A	--		CF	VALVEX	0.67 DAY OUTAGE DELAY DUE TO LOW PRESSURE INJECTION VALVE REPLACEMENT
5	98-11-28	F	29.00	B	--		ED	XXXXXX	1.21 DAY OUTAGE DELAY DUE TO FAILED EMERGENCY POWER BACK-UP TEST
6	98-11-29	F	13.00	A	--		FD	XXXXXX	0.54 DAY OUTAGE DELAY DUE TO POLAR CRANE PROBLEMS

(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 12/15/98
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH November 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
7	98-11-30	F	23.98	A	--		RB	CRDRVE	1 DAY OUTAGE DELAY DUE TO CONTROL ROD DRIVE MECHANISM PROBLEM

(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)
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(5)
 Exhibit I - Same Source

DOCKET: 50 - 287

UNIT: Oconee 3

Date: 12/15/98

NARRATIVE SUMMARY

MONTH: November, 1998

Oconee Unit 3 began the month of November in end-of-cycle 17 refueling outage. The refueling outage was delayed for the remainder of the month due to the following reasons; 1.50 days due to fuel handling equipment problems, 1.54 days due to reactor coolant pump work, 0.67 days due to low pressure injection valve replacement, 1.21 days due to failed emergency power back-up test, 0.54 days due to polar crane problems, 1 day due to control rod drive mechanism problems.

Prepared by: R. A Williams
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