

OPERATING DATA REPORT

DOCKET NO 50-269

DATE December 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: November 1, 1994-November 30, 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	720.0	8016.0	187393.0
12. Number Of Hours Reactor Was Critical	720.0	6627.5	145350.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6558.8	142600.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1851432	16654824	350251006
17. Gross Electrical Energy Generated (MWH)	638025	5722188	121090961
18. Net Electrical Energy Generated (MWH)	609355	5452687	115059051
19. Unit Service Factor	100.0	81.8	76.1
20. Unit Availability Factor	100.0	81.8	76.1
21. Unit Capacity Factor (Using MDC Net)	100.0	80.4	71.7
22. Unit Capacity Factor (Using DER Net)	95.5	76.8	69.3
23. Unit Forced Outage Rate	0.0	0.5	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: _____
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

9412220262 941215
PDR ADOCK 05000269
R PDR

OPERATING DATA REPORT

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

MONTH November, 1994

<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>841</u>
2	<u>846</u>	18	<u>843</u>
3	<u>847</u>	19	<u>844</u>
4	<u>847</u>	20	<u>846</u>
5	<u>847</u>	21	<u>845</u>
6	<u>847</u>	22	<u>848</u>
7	<u>847</u>	23	<u>849</u>
8	<u>846</u>	24	<u>849</u>
9	<u>845</u>	25	<u>849</u>
10	<u>845</u>	26	<u>849</u>
11	<u>845</u>	27	<u>850</u>
12	<u>844</u>	28	<u>850</u>
13	<u>843</u>	29	<u>850</u>
14	<u>844</u>	30	<u>851</u>
15	<u>844</u>		
16	<u>841</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1994

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 12/15/94
 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 License
 Event Report (LER)
 File (NUREG-0161)
- (5)
 Exhibit I - Same Source

DOCKET: 50-269

UNIT: Oconee 1

Date: 12/15/94

NARRATIVE SUMMARY

MONTH: November 1994

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

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 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: 1022*
(c) in the ISFSI: 696****
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: December 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

DOCKET NO 50-270
 DATE December 15, 1994
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: November 1, 1994-November 30, 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	720.0	8016.0	177313.0
12. Number Of Hours Reactor Was Critical	341.2	6663.7	140660.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	272.4	6575.0	138711.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	632352	16749744	338166326
17. Gross Electrical Energy Generated (MWH)	218371	5812349	115689897
18. Net Electrical Energy Generated (MWH)	201929	5538978	110158048
19. Unit Service Factor	37.8	82.0	78.2
20. Unit Availability Factor	37.8	82.0	78.2
21. Unit Capacity Factor (Using MDC Net)	33.2	81.7	72.5
22. Unit Capacity Factor (Using DER Net)	31.7	78.0	70.1
23. Unit Forced Outage Rate	12.1	5.8	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 December 15, 1994
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH November, 1994

<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>1</u>
4	<u>0</u>	20	<u>418</u>
5	<u>0</u>	21	<u>629</u>
6	<u>0</u>	22	<u>830</u>
7	<u>0</u>	23	<u>838</u>
8	<u>0</u>	24	<u>840</u>
9	<u>0</u>	25	<u>844</u>
10	<u>0</u>	26	<u>844</u>
11	<u>0</u>	27	<u>844</u>
12	<u>0</u>	28	<u>845</u>
13	<u>0</u>	29	<u>858</u>
14	<u>0</u>	30	<u>828</u>
15	<u>0</u>		
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 12/15/94
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-

REPORT MONTH November 1994

PAGE 2 OF 2

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-P	94-11-20	F	--	A	--		HJ	PUMPXX	'2D2' HEATER DRAIN PUMP
8-P	94-11-20	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
9-P	94-11-20	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
10-P	94-11-21	F	--	A	--		RC	XXXXXX	CORE IMBALANCE 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. 50-270
 UNIT NAME OCONEE 2
 DATE 12/15/94
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-

REPORT MONTH November 1994

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	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
3	94-11- 1	S	409.52	C	--		RC	FUELXX	END-OF-CYCLE 14 REFUELING OUTAGE
4	94-11-18	S	0.63	B	--		HA	TURBIN	TURBINE OVERSPEED TRIP TEST
5	94-11-18	F	21.78	A	--		CJ	VALVEX	REPAIR LEAKING PRESSURIZER INSTRUMENT ROOT VALVE
6	94-11-19	F	12.22	B	--		HF	VALVEX	CONDENSER COOLING WATER VALVE VERIFICATION PERFORMANCE TESTING
7	94-11-19	F	3.42	A	--		HA	TURBIN	TURBINE/GENERATOR TRIP DUE TO MAIN TURBINE THRUST WEAR BEARING
5-P	94-11-19	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
6-P	94-11-20	S	--	B	--		RC	INSTRU	DELTA FLUX 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

DOCKET: 50-270

UNIT: Oconee 2

Date: 12/15/94

NARRATIVE SUMMARY

MONTH: November 1994

Oconee Unit 2 began the month of November operating in end-of-cycle 14 refueling outage. The refueling outage lasted for a total of 43.07 days. The unit was placed on-line 11/18/94 at 0131 and the turbine overspeed trip test was performed at 0433 while holding at 15% power. At 0511 power was decreased to less than 1% to repair leaking pressurizer instrument root valve and held at .04% power from 0900 to 11/19/94 at 0130. The unit held at 11% power from 0258 to 1234 to perform condenser cooling water valve verification performance testing. The unit was placed on-line at 1511, and the unit experienced an turbine/generator trip due to main turbine thrust wear bearing. The unit returned to service on 11/19/94 at 1836. During power escalation, the unit held at 22% power from 2101 to 2314 due to nuclear instrumentation calibration. On 11/20/94 at 0116 to 0221 the unit held at 23% power due to delta flux calibration. The unit held at 46% power from 0934 to 1013 to place '2D2' heater drain pump in-service. The unit held at 52% power from 1201 to 1313 and also held at 72% power from 2030 to 11/21/94 at 1807 due nuclear instrumentation calibration. On 11/21/94 the unit held at 73% power from 1850 to 2020 due to core imbalance problems. The unit returned to 100% power on 11/29/94 at 0237 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 2
2. Scheduled next refueling shutdown: March 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 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: 1022*
(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: December 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 December 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: November 1, 1994-November 30, 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	720.0	8016.0	174960.0
12. Number Of Hours Reactor Was Critical	720.0	6091.7	135282.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6038.3	133492.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1832928	15278568	331618257
17. Gross Electrical Energy Generated (MWH)	642444	5284096	114404356
18. Net Electrical Energy Generated (MWH)	614272	5031123	109108893
19. Unit Service Factor	100.0	75.3	76.3
20. Unit Availability Factor	100.0	75.3	76.3
21. Unit Capacity Factor (Using MDC Net)	100.9	74.2	72.8
22. Unit Capacity Factor (Using DER Net)	96.3	70.8	70.3
23. Unit Forced Outage Rate	0.0	9.3	10.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

None 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 December 15, 1994
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH November, 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>853</u>	17	<u>854</u>
2	<u>853</u>	18	<u>854</u>
3	<u>853</u>	19	<u>854</u>
4	<u>854</u>	20	<u>854</u>
5	<u>854</u>	21	<u>854</u>
6	<u>854</u>	22	<u>854</u>
7	<u>853</u>	23	<u>855</u>
8	<u>853</u>	24	<u>846</u>
9	<u>854</u>	25	<u>855</u>
10	<u>853</u>	26	<u>855</u>
11	<u>853</u>	27	<u>855</u>
12	<u>853</u>	28	<u>856</u>
13	<u>854</u>	29	<u>856</u>
14	<u>854</u>	30	<u>836</u>
15	<u>854</u>		
16	<u>855</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1994

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 12/15/94
 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 License
 Event Report (LER)
 File (NUREG-0161)

- (5)
 Exhibit I - Same Source

DOCKET: 50-287

UNIT: Oconee 3

Date: 12/15/94

NARRATIVE SUMMARY

MONTH: November 1994

Oconee Unit 3 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

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: December 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