

OPERATING DATA REPORT

DOCKET NO 50-269
 DATE May 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 1991-April 30, 1991
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	719.0	2879.0	155952.0
12. Number Of Hours Reactor Was Critical	719.0	2879.0	118800.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	719.0	2879.0	116343.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1848960	7368720	283697710
17. Gross Electrical Energy Generated (MWH)	640484	2545865	98190354
18. Net Electrical Energy Generated (MWH)	613041	2437065	93232320
19. Unit Service Factor	100.0	100.0	74.6
20. Unit Availability Factor	100.0	100.0	74.6
21. Unit Capacity Factor (Using MDC Net)	100.8	100.1	69.6
22. Unit Capacity Factor (Using DER Net)	96.2	95.5	67.4
23. Unit Forced Outage Rate	0.0	0.0	11.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling - August 1, 1991 - 8 weeks			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

9105220171 910515
 PDR ADOCK 05000269
 R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Dcone 1
 DATE May 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH April, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>852</u>	17	<u>852</u>
2	<u>848</u>	18	<u>853</u>
3	<u>852</u>	19	<u>853</u>
4	<u>854</u>	20	<u>853</u>
5	<u>853</u>	21	<u>854</u>
6	<u>853</u>	22	<u>853</u>
7	<u>853</u>	23	<u>853</u>
8	<u>853</u>	24	<u>853</u>
9	<u>852</u>	25	<u>854</u>
10	<u>852</u>	26	<u>854</u>
11	<u>852</u>	27	<u>853</u>
12	<u>853</u>	28	<u>853</u>
13	<u>853</u>	29	<u>853</u>
14	<u>853</u>	30	<u>853</u>
15	<u>852</u>		
16	<u>852</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1991

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 05/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: August 1991
3. Scheduled restart following refueling: September 1991

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: 1042*
(c) in the ISFSI: 168****
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: May 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2

**On January 29, 1990, received a license for the ISFSI which will store 2112 assemblies

***This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built

on an as needed basis.****Represents the combined total for Units 1,2 and 3

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 5/15/91

NARRATIVE SUMMARY

MONTH: April 1991

Oconee Unit 1 began the month of April operating at 100% full power.

The unit operated at 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

OPERATING DATA REPORT

DOCKET NO 50-270

DATE May 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 1991-April 30, 1991
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	719.0	2879.0	145872.0
12. Number Of Hours Reactor Was Critical	719.0	2879.0	113463.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	719.0	2879.0	111797.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1847112	7394616	269574206
17. Gross Electrical Energy Generated (MWH)	642298	2574493	91927510
18. Net Electrical Energy Generated (MWH)	616143	2470373	87484653
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)	101.3	101.4	69.8
22. Unit Capacity Factor (Using DER Net)	96.7	96.8	67.6
23. Unit Forced Outage Rate	0.0	0.0	10.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

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	_____	_____

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-270
 UNIT Oconee 2
 DATE May 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH April, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>858</u>	17	<u>856</u>
2	<u>858</u>	18	<u>856</u>
3	<u>858</u>	19	<u>857</u>
4	<u>859</u>	20	<u>857</u>
5	<u>858</u>	21	<u>856</u>
6	<u>858</u>	22	<u>857</u>
7	<u>858</u>	23	<u>856</u>
8	<u>857</u>	24	<u>856</u>
9	<u>857</u>	25	<u>857</u>
10	<u>857</u>	26	<u>857</u>
11	<u>857</u>	27	<u>857</u>
12	<u>857</u>	28	<u>857</u>
13	<u>857</u>	29	<u>856</u>
14	<u>857</u>	30	<u>855</u>
15	<u>857</u>		
16	<u>856</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1991

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 05/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: December 1991
3. Scheduled restart following refueling: February 1992

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: 1042*
(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: May 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*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 20 modules (480 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 5/15/91

NARRATIVE SUMMARY

MONTH: April 1991

Oconee Unit 2 began the month of April operating at 100% full power.

The unit operated at 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

OPERATING DATA REPORT

DOCKET NO 50-287

DATE May 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 1991-April 30, 1991
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	719.0	2879.0	143519.0
12. Number Of Hours Reactor Was Critical	703.5	1816.5	108808.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	698.3	1782.7	107260.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1748496	4446144	265092705
17. Gross Electrical Energy Generated (MWH)	606569	1554109	91378682
18. Net Electrical Energy Generated (MWH)	580376	1481132	87131737
19. Unit Service Factor	97.1	61.9	74.7
20. Unit Availability Factor	97.1	61.9	74.7
21. Unit Capacity Factor (Using MDC Net)	95.4	60.8	70.7
22. Unit Capacity Factor (Using DER Net)	91.1	58.1	68.5
23. Unit Forced Outage Rate	2.9	1.2	10.9
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: _____

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-287
 UNIT Oconee 3
 DATE May 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH April, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>287</u>	17	<u>856</u>
2	<u>143</u>	18	<u>856</u>
3	<u>670</u>	19	<u>856</u>
4	<u>857</u>	20	<u>856</u>
5	<u>858</u>	21	<u>855</u>
6	<u>858</u>	22	<u>856</u>
7	<u>857</u>	23	<u>856</u>
8	<u>858</u>	24	<u>856</u>
9	<u>858</u>	25	<u>856</u>
10	<u>856</u>	26	<u>857</u>
11	<u>857</u>	27	<u>857</u>
12	<u>857</u>	28	<u>856</u>
13	<u>858</u>	29	<u>856</u>
14	<u>858</u>	30	<u>851</u>
15	<u>855</u>		
16	<u>852</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1991

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 05/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

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
6-P	91- 4- 1	S	--	B	--		IF	INSTRU	POWER ESCALATION TESTING
2	91- 4- 1	F	20.75	A	3		IA	INSTRU	REACTOR TRIP DUE TO DIVERSE SCRAM SYSTEM CHANNEL 1 & 2 ACTUATED ALARMS
7-P	91- 4- 2	F	--	A	--		HA	TURBIN	VIBRATION OF MAIN TURBINE
8-P	91- 4- 2	F	--	A	--		HA	GENERA	GENERATOR FIELD GROUND STATALARM RECIEVED
9-P	91- 4- 2	F	--	B	--		CB	XXXXXX	REACTOR COOLANT SYSTEM LEAK RATE CALCULATION

(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: May 1992
3. Scheduled restart following refueling: June 1992

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?
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:580
(c) in the ISFSI:See Unit 1****
8. Percent 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: May 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567

** See footnote on Unit 1

*** This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 5/15/91

NARRATIVE SUMMARY

MONTH: April 1991

Oconee Unit 3 began the month of April holding at 70% power for power escalation testing. A power increase was begun at 0600 on 04/01. During this increase, the reactor tripped off-line at 1120 on 04/01 due to diverse scram system actuated alarms. The unit was placed back on-line at 0805 on 04/02. During the subsequent power increase, the unit was held at approximately 15% power from 0940 to 1047 on 04/02 due to high vibration on the main turbine. The unit was next held at approximately 30% power from 1607 to 1700 on 04/02 due to a generator field ground indication. At 2050 on 04/02, the unit was held at approximately 40% power for a reactor coolant system leak rate calculation. The power increase was resumed at 2203 on 04/02. The unit reached 100% full power at 0106 on 04/04, and operated at 100% full power for the remainder of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762