

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-269

DATE April 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 1
2. Reporting Period: March 1, 1993-March 31, 1993
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	2160.0	172777.0
12. Number Of Hours Reactor Was Critical	744.0	1416.0	132210.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.3	1335.8	129542.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1845264	3315792	317063422
17. Gross Electrical Energy Generated (MWH)	638776	1141352	109680997
18. Net Electrical Energy Generated (MWH)	611201	1083179	104170612
19. Unit Service Factor	96.8	61.8	75.0
20. Unit Availability Factor	96.8	61.8	75.0
21. Unit Capacity Factor (Using MDC Net)	97.1	59.3	70.3
22. Unit Capacity Factor (Using DER Net)	92.7	56.6	68.0
23. Unit Forced Outage Rate	3.2	5.2	10.8
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

9304230131 930415
PDR ADDCK 05000269
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
UNIT Ocone 1
DATE April 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>859</u>
2	<u>859</u>
3	<u>859</u>
4	<u>843</u>
5	<u>6</u>
6	<u>575</u>
7	<u>857</u>
8	<u>858</u>
9	<u>858</u>
10	<u>859</u>
11	<u>859</u>
12	<u>859</u>
13	<u>859</u>
14	<u>859</u>
15	<u>859</u>
16	<u>859</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
17	<u>859</u>
18	<u>858</u>
19	<u>858</u>
20	<u>859</u>
21	<u>859</u>
22	<u>859</u>
23	<u>858</u>
24	<u>858</u>
25	<u>858</u>
26	<u>858</u>
27	<u>858</u>
28	<u>858</u>
29	<u>858</u>
30	<u>859</u>
31	<u>859</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1993

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 04/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

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
8	93- 3- 5	F	23.75	A	--		HA	TURBIN	TURBINE TAKEN OFF-LINE TO REPAIR MAIN TURBINE BEARING # 12
11-P	93- 3- 6	F	--	B	--		HF	VALVEX	CONDENSER COOLING WATER INLET VALVES CLOSED TO RISE HOOD EXHAUST TEMPERATURE

(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: April 1994
3. Scheduled restart following refueling: June 1994

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: 962*
(c) in the ISFSI: 528****
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: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

* 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 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: 50-269

UNIT: Oconee 1

Date: 04/15/93

NARRATIVE SUMMARY

MONTH: March 1993

Oconee Unit 1 began the month of March operating at 100% full power. The unit operated at or near 100% full power until 3/4 at 2200 when it started a power decrease to take the turbine off-line. The turbine was off-line, reactor remained critical, from 3/5 at 0303 to 3/6 at 0248 to repair main turbine bearing #12. During power escalation, the unit held at 57% power from 3/6 at 0720 to 0818 when condenser cooling water inlet valves were closed to rise hood exhaust temperature. The unit reached 100% full power on 3/6 at 1602. The unit operated at or near 100% full power for the remainder of the month.

Prepared by N. C. Simmons
Telephone: 704-382-5263

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-270

DATE April 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 2
2. Reporting Period: March 1, 1993-March 31, 1993
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	2160.0	162697.0
12. Number Of Hours Reactor Was Critical	744.0	2160.0	128734.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2160.0	126943.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1911216	5551824	308160134
17. Gross Electrical Energy Generated (MWH)	667717	1938598	105291142
18. Net Electrical Energy Generated (MWH)	640599	1859006	100244960
19. Unit Service Factor	100.0	100.0	78.0
20. Unit Availability Factor	100.0	100.0	78.0
21. Unit Capacity Factor (Using MDC Net)	101.8	101.7	71.9
22. Unit Capacity Factor (Using DER Net)	97.2	97.1	69.5
23. Unit Forced Outage Rate	0.0	0.0	9.1
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling - April 29, 1993 - 50 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

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

OPERATING DATA REPORT

DOCKET NO 50-270
UNIT Ocone 2
DATE April 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>862</u>
2	<u>862</u>
3	<u>862</u>
4	<u>863</u>
5	<u>860</u>
6	<u>864</u>
7	<u>862</u>
8	<u>862</u>
9	<u>861</u>
10	<u>862</u>
11	<u>862</u>
12	<u>862</u>
13	<u>861</u>
14	<u>861</u>
15	<u>862</u>
16	<u>863</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>862</u>
18	<u>862</u>
19	<u>862</u>
20	<u>863</u>
21	<u>864</u>
22	<u>863</u>
23	<u>863</u>
24	<u>863</u>
25	<u>862</u>
26	<u>862</u>
27	<u>862</u>
28	<u>862</u>
29	<u>862</u>
30	<u>862</u>
31	<u>826</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1993

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 04/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

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
		NO	SHUTDOWNS	OR		REDUCTIONS			

(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: April 1993
3. Scheduled restart following refueling: June 1993

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: 962*
(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: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

* 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: 50-270

UNIT: Oconee 2

Date: 04/15/93

NARRATIVE SUMMARY

MONTH: March 1993

Oconee Unit 2 began the month of March operating at 100% full power. The unit operated at or near 100% full power for the entire month.

Prepared by N. C. Simmons
Telephone: 704-382-5263

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-287

DATE April 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 3
2. Reporting Period: March 1, 1993-March 31, 1993
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	2160.0	160344.0
12. Number Of Hours Reactor Was Critical	744.0	2146.3	122681.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2142.6	120949.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1931544	5479704	299695353
17. Gross Electrical Energy Generated (MWH)	672396	1927690	103327548
18. Net Electrical Energy Generated (MWH)	645791	1850341	98534352
19. Unit Service Factor	100.0	99.2	75.4
20. Unit Availability Factor	100.0	99.2	75.4
21. Unit Capacity Factor (Using MDC Net)	102.6	101.3	71.7
22. Unit Capacity Factor (Using DER Net)	98.0	96.7	69.3
23. Unit Forced Outage Rate	0.0	0.8	10.8
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 50-287
UNIT Oconee 3
DATE April 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (NWe-Net)</u>
1	<u>868</u>
2	<u>869</u>
3	<u>869</u>
4	<u>869</u>
5	<u>869</u>
6	<u>869</u>
7	<u>868</u>
8	<u>868</u>
9	<u>869</u>
10	<u>868</u>
11	<u>868</u>
12	<u>868</u>
13	<u>868</u>
14	<u>869</u>
15	<u>869</u>
16	<u>868</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (NWe-Net)</u>
17	<u>868</u>
18	<u>868</u>
19	<u>868</u>
20	<u>869</u>
21	<u>869</u>
22	<u>868</u>
23	<u>869</u>
24	<u>869</u>
25	<u>869</u>
26	<u>869</u>
27	<u>868</u>
28	<u>869</u>
29	<u>868</u>
30	<u>868</u>
31	<u>853</u>

REPORT MONTH March 1993

DOCKET NO. 50-287
UNIT NAME OCONEE 3
DATE 04/15/93
COMPLETED BY N. C. SIMMONS
TELEPHONE (704)-382-5263

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) METH- OD 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 3
2. Scheduled next refueling shutdown: January 1994
3. Scheduled restart following refueling: February 1994

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: 516
(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: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

** 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: 50-287

UNIT: Oconee 3

Date: 04/15/93

NARRATIVE SUMMARY

MONTH: March 1993

Oconee Unit 3 began the month of March operating at 100% full power. The unit operated at or near 100% full power for the entire month.

Prepared by N. C. Simmons
Telephone: 704-382-5263