

OPERATING DATA REPORT

DOCKET NO 50-269

DATE February 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: January 1, 1993-January 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	744.0	171361.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	130794.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	0.0	128206.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	0	313747630
17. Gross Electrical Energy Generated (MWH)	0	0	108539645
18. Net Electrical Energy Generated (MWH)	-6119	-6119	103081314
19. Unit Service Factor	0.0	0.0	74.8
20. Unit Availability Factor	0.0	0.0	74.8
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	70.1
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	67.8
23. Unit Forced Outage Rate	100.0	100.0	10.9
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Currently Refueling			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: February 01, 1993

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

9302180106 930131
PDR ADOCK 05000269
R PDR

OPERATING DATA REPORT

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

MONTH January, 1993

<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>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1993

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 02/15/93
 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
1	93- 1- 1	S	457.50	C	1		RC	FUELXX	END-OF-CYCLE 14 REFUELING OUTAGE
2	93- 1-20	S	264.00	B	--		CH	HTEXCH	11 DAY OUTAGE EXTENSION DUE TO STEAM GENERATOR DELAYS
3	93- 1-31	S	20.00	A	--		SF	VALVEX	OUTAGE EXTENSION DUE TO CORE FLOOD CHECK VALVE PROBLEMS
4	93- 1-31	F	2.50	A	--		RB	CONROD	OUTAGE EXTENSION DUE TO CONTROL ROD POSITION INDICATION 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 License
 Event Report (LER)
 File (NUREG-0161)

(5)
 Exhibit I - Same Source

DOCKET: 50-269

UNIT: Oconee 1

Date: 02/15/93

NARRATIVE SUMMARY

MONTH: January 1993

Oconee Unit 1 began the month of January in end-of-cycle 14 refueling outage. The outage was extended beyond the scheduled return date of 1/20 by 11 days due to delays during steam generator inspections and a 20 hour delay due to core flood check valve problems. There was an additional delay due to the control rod position indication problems. The unit was in refueling at the end of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: February 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: 1010*
(c) in the ISFSI: 480****
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: February 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

OPERATING DATA REPORT

DOCKET NO 50-270

DATE February 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: January 1, 1993-January 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	744.0	161281.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	127318.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	125527.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1913064	1913064	304521374
17. Gross Electrical Energy Generated (MWH)	667506	667506	104020050
18. Net Electrical Energy Generated (MWH)	639773	639773	99025727
19. Unit Service Factor	100.0	100.0	77.8
20. Unit Availability Factor	100.0	100.0	77.8
21. Unit Capacity Factor (Using MDC Net)	101.6	101.6	71.6
22. Unit Capacity Factor (Using DER Net)	97.1	97.1	69.2
23. Unit Forced Outage Rate	0.0	0.0	9.2

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - April 29, 1993 - 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

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 February 15, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH January, 1993

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

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>864</u>
18	<u>864</u>
19	<u>864</u>
20	<u>864</u>
21	<u>864</u>
22	<u>864</u>
23	<u>864</u>
24	<u>864</u>
25	<u>864</u>
26	<u>856</u>
27	<u>850</u>
28	<u>850</u>
29	<u>852</u>
30	<u>850</u>
31	<u>811</u>

REPORT MONTH January 1993

DOCKET NO. 50-270
UNIT NAME OCONEE 2
DATE 02/15/93
COMPLETED BY N. C. SIMMONS
TELEPHONE (704)-382-5263

TELEPHONE (704) 582-5205									
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		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: 50-270

UNIT: Oconee 2

Date: 02/15/92

NARRATIVE SUMMARY

MONTH: January 1992

Oconee Unit 2 began the month of January 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

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: 1010*
(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: February 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

OPERATING DATA REPORT

DOCKET NO 50-287

DATE February 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: January 1, 1993-January 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	744.0	158928.0
12. Number Of Hours Reactor Was Critical	730.3	730.3	121265.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	726.6	726.6	119533.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1845888	1845888	296061537
17. Gross Electrical Energy Generated (MWH)	650202	650202	102050060
18. Net Electrical Energy Generated (MWH)	623483	623483	97307494
19. Unit Service Factor	97.7	97.7	75.2
20. Unit Availability Factor	97.7	97.7	75.2
21. Unit Capacity Factor (Using MDC Net)	99.1	99.1	71.4
22. Unit Capacity Factor (Using DER Net)	94.6	94.6	69.1
23. Unit Forced Outage Rate	2.3	2.3	11.0
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

OPERATING DATA REPORT

DOCKET NO 50-287
UNIT Oconee 3
DATE February 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH January, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>868</u>
2	<u>868</u>
3	<u>867</u>
4	<u>866</u>
5	<u>867</u>
6	<u>867</u>
7	<u>866</u>
8	<u>867</u>
9	<u>866</u>
10	<u>865</u>
11	<u>866</u>
12	<u>866</u>
13	<u>866</u>
14	<u>866</u>
15	<u>865</u>
16	<u>865</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
17	<u>865</u>
18	<u>865</u>
19	<u>865</u>
20	<u>865</u>
21	<u>866</u>
22	<u>865</u>
23	<u>865</u>
24	<u>863</u>
25	<u>858</u>
26	<u>339</u>
27	<u>546</u>
28	<u>867</u>
29	<u>870</u>
30	<u>868</u>
31	<u>852</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1993

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 02/15/93
 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
1	93- 1-26	F	17.40	A	3		CH	PUMPXX	REACTOR TRIP ON LOW MAIN FEEDWATER PUMP DISCHARGE PRESSURE
1-P	93- 1-27	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENT CALIBRATION CHECK

(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: 02/15/93

NARRATIVE SUMMARY

MONTH: January 1992

Oconee Unit 3 began the month of January operating at 100% full power. The unit operated at or near 100% full power until 1/26 at 1007 when the unit tripped from 100% full power on low main feedwater pump discharge pressure. The unit was placed on-line on 1/27 at 0331. During power escalation, the unit held at 65% power from 0926 to 1028 for nuclear instrumentation calibrations, the unit reached 100% full power on 1/27 at 1654. The unit operated at or near 100% full power for the remainder of the month.

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

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: February 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