

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-267
DATE April 15, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

1. Unit Name: Oconee 1
2. Reporting Period: March 1, 1996-March 31, 1996
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	2184.0	199081.0
12. Number Of Hours Reactor Was Critical	734.4	2147.4	155836.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	730.0	2143.1	153025.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1863144	5488344	376957366
17. Gross Electrical Energy Generated (MWH)	648164	1914850	130333269
18. Net Electrical Energy Generated (MWH)	620388	1833070	123886144
19. Unit Service Factor	98.1	98.1	76.9
20. Unit Availability Factor	98.1	98.1	76.9
21. Unit Capacity Factor (Using MDC Net)	98.6	99.2	72.7
22. Unit Capacity Factor (Using DER Net)	94.1	94.7	70.2
23. Unit Forced Outage Rate	1.9	1.9	9.6
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):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

NRC Calculated from Generator Nameplate Data:
1 037 937 KVA x 0.90 Pf=934 MW

9604220308 960415
PDR ADOCK 05000269
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE April 15, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH March, 1996

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>155</u>
2	<u>848</u>
3	<u>859</u>
4	<u>859</u>
5	<u>862</u>
6	<u>862</u>
7	<u>861</u>
8	<u>861</u>
9	<u>862</u>
10	<u>861</u>
11	<u>861</u>
12	<u>862</u>
13	<u>862</u>
14	<u>862</u>
15	<u>862</u>
16	<u>860</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(NWe-Net)</u>
17	<u>856</u>
18	<u>856</u>
19	<u>849</u>
20	<u>850</u>
21	<u>851</u>
22	<u>849</u>
23	<u>847</u>
24	<u>848</u>
25	<u>849</u>
26	<u>857</u>
27	<u>858</u>
28	<u>852</u>
29	<u>853</u>
30	<u>857</u>
31	<u>860</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1996

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 04/15/96
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

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	96- 3- 1	F	13.98	A	--		HB	XXXXXX	ANTICIPATORY REACTOR TRIP DUE TO LOSS OF MAIN FEEDWATER
1-P	96- 3- 1	F	--	A	--		RC	XXXXXX	POWER IMBALANCE
2-P	96- 3- 1	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECK
3-P	96- 3- 1	F	--	A	--		CG	XXXXXX	ONLY 3 CELLS AVAILABLE ON POWDEX

(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 - 269

UNIT: Oconee 1

DATE: 04/15/96

NARRATIVE SUMMARY

MONTH: March, 1996

Oconee Unit 1 began the month of March in an outage caused by an anticipatory reactor trip due to loss of main feedwater. The unit was placed on-line 03/01/96 at 1359. During power escalation, the unit held at 50% power from 1645 to 2023 due to power imbalance. The unit held at 65% power from 2125 to 2135 due to nuclear instrumentation calibration check. On 03/01/96 from 2158 to 2232 the unit held at 70% power due to only 3 cells being available on powdex while waiting for precoat of other 2 cells.. The unit resumed power escalation, and returned to 100% full power on 03/02/96 at 0330. The unit operated at or near 100% full power the remainder of the 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: April 1997
3. Scheduled restart following refueling: May 1997

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: 816****
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: April 15, 1996

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 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

OPERATING STATUS

DOCKET NO 50-270

DATE April 15, 1996

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 2
2. Reporting Period: March 1, 1996-March 31, 1996
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	2184.0	189001.0
12. Number Of Hours Reactor Was Critical	650.2	2090.2	151750.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	649.0	2089.0	149784.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1662216	5342256	366494846
17. Gross Electrical Energy Generated (MWH)	582917	1877537	125498830
18. Net Electrical Energy Generated (MWH)	556399	1796089	119537599
19. Unit Service Factor	87.2	95.7	79.3
20. Unit Availability Factor	87.2	95.7	79.3
21. Unit Capacity Factor (Using MDC Net)	88.4	97.2	73.9
22. Unit Capacity Factor (Using DER Net)	84.4	92.8	71.3
23. Unit Forced Outage Rate	0.0	0.0	8.4
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: May 10, 1996

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 April 15, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>862</u>
2	<u>864</u>
3	<u>864</u>
4	<u>864</u>
5	<u>864</u>
6	<u>864</u>
7	<u>864</u>
8	<u>864</u>
9	<u>864</u>
10	<u>864</u>
11	<u>863</u>
12	<u>864</u>
13	<u>864</u>
14	<u>863</u>
15	<u>862</u>
16	<u>861</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>861</u>
18	<u>855</u>
19	<u>863</u>
20	<u>864</u>
21	<u>862</u>
22	<u>864</u>
23	<u>865</u>
24	<u>864</u>
25	<u>865</u>
26	<u>864</u>
27	<u>835</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1996

DOCKET NO. 50-270
UNIT NAME OCONEE 2
DATE 04/15/96
COMPLETED BY R. A. Williams
TELEPHONE (704)-382-5346

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	96- 3-28	S	95.00	C	1		RC	FUELXX	END-OF-CYCLE 15 REFUELING OUTAGE

(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: 04/15/96

NARRATIVE SUMMARY

MONTH: March, 1996

Oconee Unit 2 began the month of March operating at 100% full power. The unit operated at or near 100% full power until 03/27/96 at 2145, when the unit started decreasing power to begin end-of-cycle 15 refueling outage. The unit was taken off line 03/28/96 at 0100 for end-of-cycle 15 refueling outage. The unit was in the refueling outage 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: Currently Refueling
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 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 license capacity: October 2013***

DUKE POWER COMPANY

DATE: April 15, 1996

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

OPERATING STATUS

DOCKET NO 50-287

DATE April 15, 1996

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Oconee 3
2. Reporting Period: March 1, 1996-March 31, 1996
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	2184.0	186648.0
12. Number Of Hours Reactor Was Critical	516.1	1956.1	145632.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	513.1	1953.1	143816.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1284408	4986648	358011537
17. Gross Electrical Energy Generated (MWH)	449345	1745868	123583507
18. Net Electrical Energy Generated (MWH)	426171	1668879	117883057
19. Unit Service Factor	69.0	89.4	77.1
20. Unit Availability Factor	69.0	89.4	77.1
21. Unit Capacity Factor (Using MDC Net)	67.7	90.3	73.8
22. Unit Capacity Factor (Using DER Net)	64.7	86.3	71.2
23. Unit Forced Outage Rate	31.0	10.6	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: _____

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, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1996

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(NWe-Net)</u>
1	<u>858</u>
2	<u>863</u>
3	<u>863</u>
4	<u>863</u>
5	<u>863</u>
6	<u>861</u>
7	<u>864</u>
8	<u>863</u>
9	<u>863</u>
10	<u>864</u>
11	<u>864</u>
12	<u>866</u>
13	<u>864</u>
14	<u>864</u>
15	<u>864</u>
16	<u>476</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(NWe-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>211</u>
27	<u>841</u>
28	<u>861</u>
29	<u>866</u>
30	<u>866</u>
31	<u>845</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1996DOCKET NO. 50-287UNIT NAME OCONEE 3DATE 04/15/96COMPLETED BY R. A. WilliamsTELEPHONE (704)-382-5346

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	96- 3-16	F	230.90	A	3		HH	PUMPXX	REACTOR TRIP DUE TO LOSS OF BOTH FEEDWATER PUMPS
1-P	96- 3-26	F	--	A	--		HB	VALVEX	INVESTIGATION OF FAILED REHEAT STOP VALVE
2-P	96- 3-26	F	--	A	--		HB	VALVEX	REHEAT STOP VALVE FAILED CLOSED
3-P	96- 3-26	F	--	A	--		HB	HTEXCH	MINIMIZE '3B1' & '3B2' MOISTURE SEPARATOR REHEATER DELTA T
4-P	96- 3-26	F	--	A	--		HH	PUMPXX	START '3B' HOTWELL AND '3BC' CONDENSATE BOOSTER PUMPS
5-P	96- 3-26	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION 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 - 287

UNIT: Oconee 3

Date: 04/15/96

NARRATIVE SUMMARY

MONTH: March, 1996

Oconee Unit 3 began the month of March operating at 100% full power. The unit operated at or near 100% full power until 03/16/96 at 1319 when the unit experienced a reactor trip due to loss of both feedwater pumps. The unit was placed on-line 03/26/96 at 0413. During power escalation, the unit held at 27% power from 0528 to 0558 to investigate failed reheat stop valve. The unit decreased power to 20% power and held from 0632 to 0829 due to reheat stop valve being failed closed. The unit decreased power to 17% and held from 0840 to 0955 to minimize '3B1' and '3B2' moisture separator reheater delta T. During power escalation, the unit held at 34% power from 1935 to 1943 to start '3B' hotwell pump and '3C' condensate booster pump for additional flow. The unit held at 65% power from 2121 to 2136 due to nuclear instrumentation calibration. The unit returned to 100% full power on 03/27/96 at 0255 and operated at or near 100% full power the remainder of the 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: October 1996
3. Scheduled restart following refueling: December 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 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: <u>177</u>
(b)	in the spent fuel pool: <u>540</u>
(c)	in the ISFSI: <u>See Unit 1 ****</u>
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 license capacity: July 2014***

DUKE POWER COMPANY

DATE: April 15, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

** See footnote of 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