

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-269
DATE December 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

1. Unit Name: Oconee 1
2. Reporting Period: November 1, 1989-November 30, 1989
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	143569.0
12. Number Of Hours Reactor Was Critical	720.0	6626.9	107402.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6522.0	104968.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1850184	16391016	254932290
17. Gross Electrical Energy Generated (MWH)	637510	5586426	88229357
18. Net Electrical Energy Generated (MWH)	609193	5316097	83719389
19. Unit Service Factor	100.0	81.4	73.1
20. Unit Availability Factor	100.0	81.4	73.1
21. Unit Capacity Factor (Using MDC Net)	100.0	78.4	67.8
22. Unit Capacity Factor (Using DER Net)	95.5	74.8	65.8
23. Unit Forced Outage Rate	0.0	3.9	12.4
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - April 16, 1990 - 6 weeks			

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

16

8912200317 891215
PDR ADOCK 05000269
R PDC

OPERATING DATA REPORT

DOCKET NO 50-269
UNIT Oconee 1
DATE December 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH November, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>831</u>
2	<u>831</u>
3	<u>831</u>
4	<u>831</u>
5	<u>831</u>
6	<u>831</u>
7	<u>840</u>
8	<u>849</u>
9	<u>847</u>
10	<u>848</u>
11	<u>846</u>
12	<u>847</u>
13	<u>846</u>
14	<u>844</u>
15	<u>845</u>
16	<u>846</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
17	<u>846</u>
18	<u>848</u>
19	<u>849</u>
20	<u>849</u>
21	<u>849</u>
22	<u>851</u>
23	<u>855</u>
24	<u>855</u>
25	<u>856</u>
26	<u>856</u>
27	<u>855</u>
28	<u>855</u>
29	<u>856</u>
30	<u>856</u>

DOCKET NO: 50-269

UNIT: Ocone 1

DATE: 12/15/89

NARRATIVE SUMMARY

Month: November 1989

Ocone Unit 1 began the month of November operating at 100% full power. The unit operated the entire month of November with no power reductions or outages.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269UNIT NAME OCONEE 1DATE 12/15/89REPORT MONTH November 1989COMPLETED BY S. W. MOSERTELEPHONE (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
		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 1
2. Scheduled next refueling shutdown: April 1990
3. Scheduled restart following refueling: May 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? _____

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 1036**
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: January, 1993

DUKE POWER COMPANY

DATE: December 15, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

**On March 31, 1988, submitted a license application for an ISFSI which will store 2112 assemblies.

OPERATING DATA REPORT

DOCKET NO 50-270

DATE December 15, 1989

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: November 1, 1989-November 30, 1989
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	133489.0
12. Number Of Hours Reactor Was Critical	453.6	6641.9	102335.3
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	444.5	6530.8	100705.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	15391584	240191918
17. Gross Electrical Energy Generated (MWH)	381857	5638803	82132347
18. Net Electrical Energy Generated (MWH)	360093	5375631	78110983
19. Unit Service Factor	61.7	81.5	75.4
20. Unit Availability Factor	61.7	81.5	75.4
21. Unit Capacity Factor (Using MDC Net)	59.1	79.3	68.1
22. Unit Capacity Factor (Using DER Net)	56.5	75.7	66.0
23. Unit Forced Outage Rate	32.5	4.9	10.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

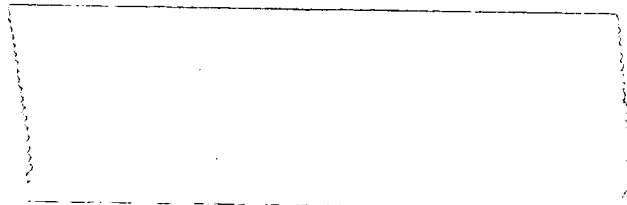
None

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



OPERATING DATA REPORT

DOCKET NO 50-270
 UNIT Oconee 2
 DATE December 15, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH November, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>849</u>
2	<u>849</u>
3	<u>848</u>
4	<u>848</u>
5	<u>848</u>
6	<u>848</u>
7	<u>848</u>
8	<u>848</u>
9	<u>848</u>
10	<u>622</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>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>209</u>
23	<u>839</u>
24	<u>839</u>
25	<u>839</u>
26	<u>840</u>
27	<u>840</u>
28	<u>839</u>
29	<u>839</u>
30	<u>839</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270

UNIT NAME OCONEE 2

DATE 12/15/89

REPORT MONTH November 1989

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) 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
19-P	89-11-10	F	--	A	--		RB	CONROD	REACTOR RUNBACK DUE TO ROD '9' GROUP '4' DROPPING INTO CORE DURING TEST
20-P	89-11-10	S	--	A	--		RB	CONROD	REDUCING POWER TO POSITION CONTROL ROD '9' GROUP '4'
8	89-11-11	S	31.17	A	1		RB	CRDRVE	REPAIR ELECTRICAL CONNECTOR ON TOP OF THE CONTROL ROD DRIVE MECHANISM
9	89-11-12	S	30.50	A	1		CB	PUMPXX	REACTOR COOLANT PUMPS '2B1' AND '2B2' EXCESSIVE VIBRATION
10	89-11-13	S	13.83	A	1		CB	PUMPXX	REACTOR COOLANT PUMP '2B2' EXCESSIVE VIBRATION
11	89-11-14	S	18.08	A	1		RB	CONROD	CONTROL ROD POSITION INDICATOR FAILURE

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1989DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 12/15/89COMPLETED BY S. W. MOSERTELEPHONE (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
12	89-11-14	F	181.97	A	1		CB	PUMPXX	REACTOR COOLANT PUMPS '2B1' AND '2B2' EXCESSIVE VIBRATION

(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 NO: 50-270

UNIT: Ocone 2

DATE: 12/15/89

NARRATIVE SUMMARY

Month: November 1989

Ocone Unit 2 began the month of November operating at 100% full power. On 11/10 at 1115, Control Rod "9" Group "4" dropped into the core while Operations was performing a Control Rod Drive Movement Performance Test. The reactor ran back to 55% power. At 2253 on 11/10, the unit began a power reduction to take the unit to cold shutdown to position Control Rod "9" Group "4" and investigate high vibration problems in "2B2" Reactor Coolant Pump. Repairs to the Control Rod Drive were quickly made; however, the Reactor Coolant Pump vibration problem kept the unit off-line for approximately 11 days. The unit returned on-line at 1353 on 11/22, and reached 100% full power at 0028 on 11/23. The unit operated at 100% full power for the remainder of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: September 1990
3. Scheduled restart following refueling: October 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? _____

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 1036**
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: January, 1993

DUKE POWER COMPANY

DATE: December 15, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

** See footnote on Unit 1

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: November 1, 1989-November 30, 1989
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: _____

DOCKET NO 50-287

DATE December 15, 1989

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

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	131136.0
12. Number Of Hours Reactor Was Critical	190.7	7415.0	97993.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	189.0	7387.9	96565.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	477024	18959856	237859591
17. Gross Electrical Energy Generated (MWH)	163056	6478027	81921471
18. Net Electrical Energy Generated (MWH)	153469	6199457	78084837
19. Unit Service Factor	26.3	92.2	73.6
20. Unit Availability Factor	26.3	92.2	73.6
21. Unit Capacity Factor (Using MDC Net)	25.2	91.4	69.3
22. Unit Capacity Factor (Using DER Net)	24.1	87.3	67.1
23. Unit Forced Outage Rate	0.0	1.3	11.9

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: **December 20, 1989**

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

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT

DOCKET NO 50-287
 UNIT Oconee 3
 DATE December 15, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH November, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>842</u>
2	<u>841</u>
3	<u>841</u>
4	<u>841</u>
5	<u>841</u>
6	<u>841</u>
7	<u>841</u>
8	<u>607</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>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287

UNIT NAME OCONEE 3

DATE 12/15/89

COMPLETED BY S. W. MOSER

TELEPHONE (704)-373-5762

REPORT MONTH November 1989

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
2-P	89-11- 8	S	--	C	--		RC	FUELXX	POWER REDUCTION FOR END-OF-CYCLE 11 REFUELING OUTAGE
4	89-11- 8	S	531.00	C	1		RC	FUELXX	END-OF-CYCLE 11 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 License
Event Report (LER)
File (NUREG-0161)

(5)

Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 12/15/89

NARRATIVE SUMMARY

Month: November 1989

Oconee Unit 3 began the month of November operating at 100% full power. At 1500 on 11/08, the unit began a power reduction for a refueling outage. At 2100 on 11/08, the generator was taken off-line, and the unit entered its End-of-Cycle 11 refueling outage. The unit remained on the outage for the remainder of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: -----
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 600
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: April, 1995

DUKE POWER COMPANY

DATE: December 15, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

** See footnote on Unit 1