OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 4-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee #1
2. Reporting Period: March 1, 1983-March 31, 1983
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): 899
7. Maximum Dependable Capacity (Net MWe): 860
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   None
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any:

Notes
Year-to-date and cummulative capacity factors are calculated using a weighted average for maximum dependable capacity.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2 160.0	85 105.0
12. Number Of Hours Reactor Was Critical	739.2	2 155.2	59 822.2
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	727.1	2 130.0	56 713.0
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 846 701	5 429 650	134 549 337
17. Gross Electrical Energy Generated (MWH)	640 520	1 891 600	46 809 510
18. Net Electrical Energy Generated (MWH)	612 456	1 809 588	44 306 514
19. Unit Service Factor	97.7	98.6	66.6
20. Unit Availability Factor	97.7	98.6	66.7
21. Unit Capacity Factor (Using MDC Net)	95.7	97.4	60.4
22. Unit Capacity Factor (Using DER Net)	92.9	94.6	58.8
23. Unit Forced Outage Rate	2.3	1.4	18.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling - July 3, 1983 - 10 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		

(9/77)

DOCKET NO. 50-269
UNIT Oconee 1
DATE 4-15-83

AVERAGE DAILY UNIT POWER LEVEL

MONTH March, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	860	17	858
2	860	18	856
3	859	19	855
4	859	20	857
5	859	21	856
6	858	22	857
7	858	23	857
8	858	24	500
9	833	25	742
10	343	26	854
11	833	27	854
12	856	28	855
13	856	29	855
14	854	30	855
15	851	31	854
16	855		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1983

DOCKET NO. 50-269
UNIT NAME Oconee 1
DATE 4-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
2	83-03-09	F	7.35	A	3		HA	Instru	Unit trip on loss of D.C. power to turbine trip circuitry during secondary side protection test.
3-P	83-03-10	F	--	A	--		CH	Instru	Held unit at 96% power to permit adjustments on level controllers in the Heater Drain System. To stop flow oscillation in the Feedwater System.
3	83-03-24	F	9.57	A	3		HB	Valvex	Unit trip on high moisture separator and reheater level due to failure of dump valve.

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-Operational 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

(9/77)

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 4-15-83

NARRATIVE SUMMARY

Month: March, 1983

Oconee Unit 1 operated at full power until March 9 when the unit tripped at 2320 due to the loss of D.C. power to the turbine trip circuitry during a secondary side protection test. The unit was back on line at 0641 the following morning.

The unit was limited to 96% power upon its return to service until 1215 on the 11th to permit adjustments on the level controllers in the Heater Drain System. These adjustments were necessary to stop flow oscillation in the Feedwater System.

The unit tripped at 1426 on March 24 due to high moisture separator and reheater level. Failure of a dump valve caused the trip. This valve was repaired and the unit returned to service at 2400 March 25.

Oconee Unit 1 finished the month operating at full power.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.

2. Scheduled next refueling shutdown: July, 1983.

3. Scheduled restart following refueling: September, 1983.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
   If yes, what will these be? Technical Specification Revision

   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: 883*.

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:

DUKE POWER COMPANY

Date: April 15, 1983.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 4-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee #2
2. Reporting Period: March 1, 1983-March 31, 1983
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): 899
7. Maximum Dependable Capacity (Net MWe): 860
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   None
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any:

Notes
Year-to-date and cummulative capacity factors are calculated using a weighted average for maximum dependable capacity.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2 160.0	75 025.0
12. Number Of Hours Reactor Was Critical	738.3	2 154.3	53 068.1
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	729.3	2 145.3	51 955.7
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1 823 121	5 431 869	122 095 178
17. Gross Electrical Energy Generated (MWH)	625 310	1 868 510	41 580 656
18. Net Electrical Energy Generated (MWH)	598 766	1 791 144	39 461 379
19. Unit Service Factor	98.0	99.3	69.3
20. Unit Availability Factor	98.0	99.3	69.3
21. Unit Capacity Factor (Using MDC Net)	93.6	96.4	61.0
22. Unit Capacity Factor (Using DER Net)	90.8	93.6	59.4
23. Unit Forced Outage Rate	2.0	0.7	17.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling - September 25, 1983 - 10 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		

(9/77)

DOCKET NO. 50-270
UNIT Oconee 2
DATE 4-15-83

AVERAGE DAILY UNIT POWER LEVEL

MONTH March, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	850	17	843
2	849	18	843
3	848	19	737
4	848	20	837
5	848	21	847
6	848	22	846
7	846	23	846
8	846	24	845
9	848	25	845
10	558	26	847
11	653	27	846
12	847	28	847
13	847	29	845
14	520	30	846
15	507	31	847
16	820		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1983

DOCKET NO. 50-270
UNIT NAME Oconee 2
DATE 4-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
1	83-03-10	F	9.25	G	3		IA	ZZZZZZ	Unit trip during surveillance test of control rod drive breakers when a third breaker was tripped inadvertantly with two of four breakers open.
2	83-03-14	F	5.48	A	3		HA	Instru	Unit trip on momentary loss of D.C. input power to Turbine Control System.
4-P	83-03-14	F	--	A	--		CH	Valvex	Hold at 60% power to repair the "B" feedwater pump suction relief valve.
5-P	83-03-16	F	--	A	--		HH	Valvex	Hold at 95% due to trip of E2 heater drain pump on low level.
6-P	83-03-19	F	--	A	--		HB	Pipexx	Reduce power to 50% due to a break on the discharge piping from the 2nd stage moisture separator reheater drain tank.

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-Operational 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

(9/77)

DOCKET NO: 50-270
UNIT: Oconee 2
DATE: 4-15-83

NARRATIVE SUMMARY

Month: March, 1983

Oconee Unit 2 operated at full power until March 10 at 1616 when the unit tripped due to an operator error. While performing a control rod drive surveillance test with two of four breakers open a third was inadvertantly tripped causing the unit to trip. The unit was back on line at 0131 the next day.

March 14 at 1247 the unit tripped due to a loss of 125 volt D.C. power to the turbine control circuitry. The 125 volt sensing relay was changed out and the unit returned to service at 1816 the same day.

Power escalation was held up at 60% power due to problems with the 2B feedwater pump suction relief valve. Repairs were completed the 15th at 2105 allowing the unit to begin increasing load.

Power escalation was held up at 95% power for ten and one half hours due to level problems with the 2E2 heater drain pump.

March 19 at 1558 power was reduced to 50% due to a break on the discharge piping from the 2nd stage moisture separator reheater drain tank. The piping was isolated for repairs and the unit began increasing power at 1900.

The unit finished the month at full power.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.

2. Scheduled next refueling shutdown: September, 1983.

3. Scheduled restart following refueling: November, 1983.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
   If yes, what will these be? Technical Specification Revision

   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: 883*.

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:.

DUKE POWER COMPANY Date: April 15, 1983.

Name of Contact: J. A. Reavis Phone: 704-373-7567

*Represents the combined total for Units 1 & 2.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 4-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee #3
2. Reporting Period: March 1, 1983-March 31, 1983
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): 899
7. Maximum Dependable Capacity (Net MWe): 860
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   None
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any:

Notes
Year-to-date and cummulative capacity factors are calculated using a weighted average for maximum dependable capacity.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2 160.0	72 672.0
12. Number Of Hours Reactor Was Critical	712.3	2 083.1	50 304.2
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	706.6	2 065.6	49 208.9
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1 786 996	5 183 105	119 232 166
17. Gross Electrical Energy Generated (MWH)	620 370	1 798 040	41 195 854
18. Net Electrical Energy Generated (MWH)	594 557	1 722 931	39 191 032
19. Unit Service Factor	95.0	95.6	67.7
20. Unit Availability Factor	95.0	95.6	67.7
21. Unit Capacity Factor (Using MDC Net)	92.9	92.8	62.5
22. Unit Capacity Factor (Using DER Net)	90.2	90.0	60.9
23. Unit Forced Outage Rate	5.0	4.4	16.8

24. Shutdowns 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		

(9/77)

DOCKET NO. 50-287
UNIT Oconee 3
DATE 4-15-83

AVERAGE DAILY UNIT POWER LEVEL

MONTH March, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	859	17	859
2	860	18	860
3	859	19	860
4	859	20	861
5	859	21	860
6	859	22	860
7	860	23	862
8	845	24	861
9	522	25	862
10	-	26	859
11	249	27	860
12	837	28	859
13	857	29	861
14	857	30	860
15	856	31	860
16	855		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1983

DOCKET NO. 50-287
UNIT NAME Oconee 3
DATE 4-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
2-P	83-03-08	F	--	A	--		CB	Pumpxx	Reduced load to 70% to secure 3A1 reactor coolant pump due to low upper oil pot level.
4	83-03-09	F	37.40	A	1		CB	Pumpxx	Came to hot shutdown to replace two gaskets in the flanges of the oil cooler on the 3A1 reactor coolant pump.

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-Operational 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

(9/77)

DOCKET NO: 50-287
UNIT: Oconee 3
DATE: 4-15-83

NARRATIVE SUMMARY

Month: March, 1983

Oconee Unit 3 operated at full load until March 8 when power was reduced to 70% to secure the 3A1 reactor coolant pump. A upper oil pot low level alarm was received on that pump. The unit was shutdown the 9th to replace two gaskets in the flanges of the oil cooler on the pump and returned to service at 1201 on March 11.

Oconee Unit 3 operated at full load the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.

2. Scheduled next refueling shutdown: May, 1984.

3. Scheduled restart following refueling: July, 1984.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
   If yes, what will these be? Technical Specification Revision.

   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: 107.

8. Present licensed fuel pool capacity: 474.
   Size of requested or planned increase: .

9. Projected date of last refueling which can be accommodated by present licensed capacity: .

DUKE POWER COMPANY

Date: April 15, 1983.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

   For the month of February, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for February has been compared with the Technical Specifications annual value of 15 curies; the total release for February was less than 10 percent of this limit.

   The total station gaseous release for February has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for February was less than 10 percent of this limit.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

   For the month of January, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for January has been compared with the Technical Specifications annual value of 15 curies; the total release for January was less than 10 percent of this limit.

   The total station gaseous release for January has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for January was less than 10 percent of this limit.