

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 5-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 1982 - April 30, 1982
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:

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. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719.0	2 879.0	77 064.0
12. Number Of Hours Reactor Was Critical	692.3	1 523.0	52 578.4
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	673.0	1 317.0	49 560.2
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1 659 499	3 022 979	116 480 751
17. Gross Electrical Energy Generated (MWH)	580 720	1 050 340	40 526 690
18. Net Electrical Energy Generated (MWH)	553 259	971 184	38 315 360
19. Unit Service Factor	93.6	45.8	64.3
20. Unit Availability Factor	93.6	45.8	64.4
21. Unit Capacity Factor (Using MDC Net)	89.5	39.2	57.6
22. Unit Capacity Factor (Using DER Net)	86.9	38.1	56.1
23. Unit Forced Outage Rate	6.4	54.3	19.9
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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1982

DOCKET NO. 50-269
 UNIT NAME Oconee 1
 DATE 5-15-82
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-8552

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
12	82-04-02	F	36.33	A	3		RB	CRDRVE	Reactor tripped when a control problem allowed the group #6 rods to drop into core.
4-p	82-04-19	F	--	A	--		CB	MOTORX	The 1A1 RCP (reactor coolant pump) was removed from service due to oil level low alarm on the motor lower bearing oil pot.
13	82-04-20	F	9.72	A	1		CB	MOTORX	Unit was removed from service and reactor at hot shutdown to add oil to the 1A1 RCP motor lower oil pot.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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 5-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 1982

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

1	<u>864</u>
2	<u>546</u>
3	<u>--</u>
4	<u>410</u>
5	<u>848</u>
6	<u>858</u>
7	<u>869</u>
8	<u>868</u>
9	<u>868</u>
10	<u>867</u>
11	<u>870</u>
12	<u>868</u>
13	<u>869</u>
14	<u>869</u>
15	<u>867</u>
16	<u>863</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	<u>863</u>
18	<u>863</u>
19	<u>670</u>
20	<u>555</u>
21	<u>281</u>
22	<u>821</u>
23	<u>861</u>
24	<u>854</u>
25	<u>858</u>
26	<u>858</u>
27	<u>859</u>
28	<u>859</u>
29	<u>859</u>
30	<u>862</u>
31	<u> </u>

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.

DOCKET NO: 50-269
UNIT: Oconee 1
DATE: 5-15-82

NARRATIVE SUMMARY

Month: April 15, 1982

Oconee 1 began the month of April at near rated power. A control problem, allowing the group #6 control rods to drop, resulted in a reactor/turbine trip on April 2. The unit returned to service on April 4 and increased in power.

Power was reduced on April 19 to remove the 1A1 RCP (reactor coolant pump) from service because of a low oil level indication on the motor lower bearing oil pot.

The unit was removed from service on April 20 to add oil to the 1A1 RCP motor lower oil pot. It was returned to service on April 21 and reached near rated power on April 22, continuing the remainder of the month.

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: March, 1983
3. Scheduled restart following refueling: May, 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.

If no, when is review scheduled? N/A

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: 661*

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: May 15, 1982

Name of Contact: J. A. Reavis

* Represents the total for the combined Units 1 & 2.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 5-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 1982 - April 30, 1982
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:

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. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719.0	2 879.0	66 984.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	46 208.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	45 228.4
14. Hours Generator On-Line	0.0	0.0	45 228.4
15. Unit Reserve Shutdown Hours	0.0	0.0	45 228.4
16. Gross Thermal Energy Generated (MWH)	0	0	106 034 812
17. Gross Electrical Energy Generated (MWH)	0	0	36 076 786
18. Net Electrical Energy Generated (MWH)	-4 705	-10 314	34 222 534
19. Unit Service Factor	0.0	0.0	67.5
20. Unit Availability Factor	0.0	0.0	67.5
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	59.2
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	57.7
23. Unit Forced Outage Rate	100.0	100.0	17.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None - On line 5-22-82

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Back on line May 20, 1982

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

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

DOCKET NO. 50-270UNIT Oconee 2DATE 5-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 1982DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	---
16	---

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	---
18	---
19	---
20	---
21	---
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	---
31	---

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 April, 1982

DOCKET NO. 50-270
 UNIT NAME Oconee 2
 DATE 5-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

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
1B	82-04-01	S	665.00	C	--		RC	FUELXX	Scheduled refueling/10 yr. ISI/NRC NSM's in progress. HPI nozzle repair in progress.
1C	82-04-28	F	54.00	A	--		ZZ	ZZZZZZ	Containment secondary shielding wall tendon replacement.

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: May 15, 1982

NARRATIVE SUMMARY

Month: April, 1982

Scheduled refueling/10 yr. ISI/NRC NSM's/ and HPI nozzle repair were completed during April and heatup of the reactor began.

On April 28 a vertical tnedon in the secondary shielding wall inside the reactor building was found to be broken. The reactor was brought to cold shutdown for inspection and repair. This continued for the remainder of the month.

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: Unknown
3. Scheduled restart following refueling: Unknown
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

If no, when is review scheduled? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: Unknown
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: 661*

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: May 15, 1982

Name of Contact: J. A. Reavis

* Represents the total for the combined Units 1 & 2.

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 5-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 1982 - April 30, 1982
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:

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. Reasons For Restrictions, if Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719.0</u>	<u>2 879.0</u>	<u>64 631.0</u>
12. Number Of Hours Reactor Was Critical	<u>556.2</u>	<u>1 709.6</u>	<u>47 023.5</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>555.3</u>	<u>1 702.3</u>	<u>46 018.4</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 412 675</u>	<u>4 322 647</u>	<u>111 841 386</u>
17. Gross Electrical Energy Generated (MWH)	<u>489 550</u>	<u>1 494 110</u>	<u>38 640 924</u>
18. Net Electrical Energy Generated (MWH)	<u>467 902</u>	<u>1 423 652</u>	<u>36 775 128</u>
19. Unit Service Factor	<u>93.6</u>	<u>63.2</u>	<u>71.4</u>
20. Unit Availability Factor	<u>77.2</u>	<u>59.1</u>	<u>71.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>75.7</u>	<u>57.5</u>	<u>65.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>73.5</u>	<u>55.8</u>	<u>64.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>37.3</u>	<u>16.1</u>
24. Shutdowns 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: _____

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

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

DOCKET NO. 50-287UNIT Oconee 3DATE 5-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 1982DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

1	<u>772</u>
2	<u>843</u>
3	<u>852</u>
4	<u>854</u>
5	<u>854</u>
6	<u>856</u>
7	<u>856</u>
8	<u>855</u>
9	<u>854</u>
10	<u>854</u>
11	<u>854</u>
12	<u>853</u>
13	<u>853</u>
14	<u>854</u>
15	<u>854</u>
16	<u>855</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	<u>854</u>
18	<u>854</u>
19	<u>852</u>
20	<u>853</u>
21	<u>848</u>
22	<u>851</u>
23	<u>846</u>
24	<u>19</u>
25	<u>--</u>
26	<u>--</u>
27	<u>--</u>
28	<u>--</u>
29	<u>--</u>
30	<u>--</u>
31	<u>--</u>

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 April, 1982

DOCKET NO. 50-287
 UNIT NAME Oconee 3
 DATE 5-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

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	82-04-24	S	163.73	C	1		RC	FUELXX	Scheduled refueling/10 yr. ISI/NRC NSM's. Steam generator auxiliary feed ring inspection is in progress.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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: May 15, 1982

NARRATIVE SUMMARY

Month: April, 1982

Oconee 3 began the month at 86% power and increased to 100% on April 2.

On April 24 the unit was shutdown to begin a scheduled refueling and inspection outage. The steam generator auxiliary feed ring will be inspected and modifications made as necessary.

- Name of Contact: J. A. Reavis

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

For the month of March, 44 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 2.250 rem, which represents approximately 18.8% of that person's allowable annual limit.

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

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