

OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 10-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-743

OPERATING STATUS

1. Unit Name: Oconee #1
2. Reporting Period: September 1, 1982-September 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:  
None

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): None
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr. to-Date	Cumulative
11. Hours In Reporting Period	720.0	6 551.0	80 736.0
12. Number Of Hours Reactor Was Critical	708.4	4 614.8	55 670.1
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	692.3	4 368.4	52 611.6
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 759 720	10 644 167	124 101 939
17. Gross Electrical Energy Generated (MWH)	609 490	3 694 020	43 170 370
18. Net Electrical Energy Generated (MWH)	581 055	3 486 844	40 831 020
19. Unit Service Factor	96.2	66.7	65.2
20. Unit Availability Factor	96.2	66.7	65.2
21. Unit Capacity Factor (Using MDC Net)	93.8	61.9	58.6
22. Unit Capacity Factor (Using DER Net)	91.1	60.1	57.1
23. Unit Forced Outage Rate	3.8	33.3	19.7

24. Shutowns 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	_____	_____

8210190552 821015  
 PDR ADDCK 05000269  
 R PDR

DOCKET NO. 50-269UNIT Oconee Unit 1DATE 10-15-82

## AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	850	17	856
2	850	18	856
3	850	19	855
4	849	20	854
5	847	21	853
6	847	22	854
7	852	23	854
8	855	24	852
9	854	25	852
10	825	26	852
11	13	27	852
12	370	28	852
13	848	29	852
14	851	30	851
15	850	31	
16	853		

## 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

DOCKET NO. 50-269  
 UNIT NAME Oconee 1  
 DATE 10-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7433

REPORT MONTH September, 1982

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
18	82-09-10	F	11.62	H	3		HA	INSTRU	Low EHC pressure trip. Pressure switch activating above setpoint.
19	82-09-11	F	6.33	G	3		CH	ZZZZZ	Reactor trip due to a feedwater transient resulting from an operator error.
20	82-09-11	F	9.73	A	3		HA	CKTBRK	Turbine trip on loss of stator cooling. Loss of power to stator cooling pump caused by faulty breaker in load center feeding the pump.

<sup>1</sup>  
 F - Forced  
 S - Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
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  
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: 780

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: October 15, 1982

Name of Contact: J. A. Reavis

\*Represents the total for the combined Units 1 and 2.

DOCKET NO: 50-269

UNIT: Oconee Unit 1

DATE: 10-15-82

NARRATIVE SUMMARY

Month: September, 1982

Oconee Unit 1 operated near full power until September 10 when the turbine tripped on low EHC pressure. The pressure switch was found to be activating above the set point. The unit was returned to service the following morning.

September 11 the reactor tripped on high pressure due to a feedwater transient resulting from an operator error. The unit returned to service the same day.

September 11 the unit tripped when a faulty breaker in a load center caused an overload trip of the load center feeding the stator cooling pump. The loss of power to the pump tripped the turbine on a loss of stator cooling. The unit returned to near full load the following day for the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-270  
 DATE 10-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7433

OPERATING STATUS

1. Unit Name: Oconee #2
2. Reporting Period: September 1, 1982-September 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:  
None

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): None
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>6 551.0</u>	<u>70 656.0</u>
12. Number Of Hours Reactor Was Critical	<u>600.9</u>	<u>2 656.0</u>	<u>48 864.5</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>596.3</u>	<u>2 561.5</u>	<u>47 789.9</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 511 638</u>	<u>5 479 949</u>	<u>111 514 761</u>
17. Gross Electrical Energy Generated (MWH)	<u>514 990</u>	<u>1 872 750</u>	<u>37 949 536</u>
18. Net Electrical Energy Generated (MWH)	<u>490 242</u>	<u>1 753 823</u>	<u>35 986 671</u>
19. Unit Service Factor	<u>82.8</u>	<u>39.1</u>	<u>67.6</u>
20. Unit Availability Factor	<u>82.8</u>	<u>39.1</u>	<u>67.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>79.2</u>	<u>31.1</u>	<u>59.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>76.9</u>	<u>30.2</u>	<u>57.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>24.6</u>	<u>18.0</u>

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	<u>      </u>	<u>      </u>
INITIAL ELECTRICITY	<u>      </u>	<u>      </u>
COMMERCIAL OPERATION	<u>      </u>	<u>      </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1982

DOCKET NO. 50-270  
 UNIT NAME Oconee 2  
 DATE 10-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7433

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
8A	82-09-01	S	123.72	B	--		CB	VALVEX	Outage to replace leaking code relief valves.

<sup>1</sup>  
 F- Forced  
 S- Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

DOCKET NO. 50-270  
 UNIT Oconee Unit 2  
 DATE 10-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	-	17	840
2	-	18	839
3	-	19	838
4	-	20	838
5	-	21	838
6	409	22	837
7	832	23	835
8	839	24	836
9	846	25	836
10	845	26	836
11	839	27	835
12	838	28	834
13	844	29	834
14	843	30	832
15	843	31	
16	842		

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.



MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: Oconee Unit 2
- 2. Scheduled next refueling shutdown: November, 1983
- 3. Scheduled restart following refueling: January, 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  
 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: 780

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: October 15, 1982

Name of Contact: J. A. Reavis

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

DOCKET NO: 50-270

UNIT: Oconee Unit 2

DATE: 10-15-82

NARRATIVE SUMMARY

Month: September, 1982

Oconee Unit 2 began the month in an outage to repair the pressurizer code relief valves and furmanite the '2B1' reactor coolant pump. The unit returned to service on September 6 and operated the remainder of the month at full power.

OPERATING DATA REPORT

DOCKET NO. 50-287  
 DATE 10-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7433

OPERATING STATUS

1. Unit Name: Oconee #3
2. Reporting Period: September 1, 1982-September 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:  
None

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): None
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>6 551.0</u>	<u>68 303.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</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>0.0</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>0</u>	<u>4 322 647</u>	<u>111 841 386</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1 494 110</u>	<u>38 640 924</u>
18. Net Electrical Energy Generated (MWH)	<u>-3 856</u>	<u>1 411 910</u>	<u>36 763 386</u>
19. Unit Service Factor	<u>0.0</u>	<u>26.0</u>	<u>67.4</u>
20. Unit Availability Factor	<u>0.0</u>	<u>26.0</u>	<u>67.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>25.1</u>	<u>62.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>24.3</u>	<u>60.8</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): <u>None</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 10-20-82

	Forecast	Achieved
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICITY	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1982

DOCKET NO. 50-287  
 UNIT NAME Oconee 3  
 DATE 10-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7433

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
2	82-09-01	S	720.00	B	--		ZZ	ZZZZZZ	End of cycle outage continues. NRC NSM's and steam generator auxiliary feed ring modification 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

DOCKET NO. 50-287  
 UNIT Oconee Unit 3  
 DATE 10-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	-	17	-
2	-	18	-
3	-	19	-
4	-	20	-
5	-	21	-
6	-	22	-
7	-	23	-
8	-	24	-
9	-	25	-
10	-	26	-
11	-	27	-
12	-	28	-
13	-	29	-
14	-	30	-
15	-	31	-
16	-		

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 for the restricted power level line. In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
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.

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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). \_\_\_\_\_

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7. Number of fuel assemblies (a) in the core: 177  
(b) in the spent fuel pool: 210
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: October 15, 1982

Name of Contact: J. A. Reavis

DOCKET NO: 50-287

UNIT: Oconee Unit 3

DATE: 10-15-82

NARRATIVE SUMMARY

Month: September, 1982

Oconee Unit 3 continues with it's end of cycle outage.

Steam generator auxiliary feed ring modifications are complete and the unit is progressing toward an online date of early October.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure:

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

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

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