

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 7-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee #1
 2. Reporting Period: June 1, 1982 - June 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

Notes

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

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: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>4 343.0</u>	<u>78 528.0</u>
12. Number Of Hours Reactor Was Critical	<u>399.0</u>	<u>2 424.3</u>	<u>53 480.0</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>388.8</u>	<u>2 208.1</u>	<u>50 451.3</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>973 993</u>	<u>5 231 101</u>	<u>118 688 873</u>
17. Gross Electrical Energy Generated (MWH)	<u>339 170</u>	<u>1 819 240</u>	<u>41 295 590</u>
18. Net Electrical Energy Generated (MWH)	<u>319 215</u>	<u>1 698 116</u>	<u>39 042 292</u>
19. Unit Service Factor	<u>54.0</u>	<u>50.8</u>	<u>64.3</u>
20. Unit Availability Factor	<u>54.0</u>	<u>50.8</u>	<u>64.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>51.6</u>	<u>45.5</u>	<u>57.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>50.0</u>	<u>44.1</u>	<u>56.1</u>
23. Unit Forced Outage Rate	<u>46.0</u>	<u>49.2</u>	<u>20.3</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

DOCKET NO. 50-269
 UNIT NAME Oconee 1
 DATE 7-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

REPORT MONTH June, 1982

	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
14	82-06-01	F	331.20	A	--		RB	CRDRVE	Continuation of outage. Cleaning and inspection of control rod drive stators; repair of feedwater heater leaks; repair of pressurizer relief valve (RC-66); inspection of reactor building secondary shielding wall; tendons in progress.
7-p	82-06-24	F	--	H	--		RA	INSTAU	Power reduced to 95% to evaluate noise on reactor loose parts monitor.

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 (LLR) File (NUREG-0161)

⁵
 Exhibit I - Same Source

DOCKET NO. 59-269
 UNIT Oconee 1
 DATE 7-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	-	17	866
2	-	18	866
3	-	19	867
4	-	20	866
5	-	21	867
6	-	22	866
7	-	23	866
8	-	24	845
9	-	25	858
10	-	26	862
11	-	27	861
12	-	28	859
13	-	29	862
14	-	30	861
15	544	31	
16	863		

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 Unit 1
DATE: 7-15-82

NARRATIVE SUMMARY

Month: June, 1982

Oconee 1 began the month of June in a continuing outage due to a control rod drive stator problem. Cleaning and inspection of the control rod drive stators was completed and the unit returned to service on June 14.

Other maintenance items completed during the outage were:

- a. Repair of feedwater heater tube leaks.
- b. Repair of pressurizer relief valve (RC-66).
- c. Inspection of reactor building secondary shielding wall tendons.

After returning to service, the unit ran at near rated power the remainder of the month, except for a reduction to 85% power on June 27 to evaluate noise on the reactor loose parts monitor.

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: 724*

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: July 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 7-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee #2
2. Reporting Period: June 1, 1982 - June 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>4 343.0</u>	<u>68 448.0</u>
12. Number Of Hours Reactor Was Critical	<u>647.8</u>	<u>1 007.2</u>	<u>47 215.6</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>642.1</u>	<u>947.3</u>	<u>46 175.7</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>993 062</u>	<u>1 431 024</u>	<u>107 465 836</u>
17. Gross Electrical Energy Generated (MWH)	<u>339 870</u>	<u>487 800</u>	<u>36 564 586</u>
18. Net Electrical Energy Generated (MWH)	<u>316 892</u>	<u>438 779</u>	<u>34 671 627</u>
19. Unit Service Factor	<u>89.2</u>	<u>21.8</u>	<u>67.5</u>
20. Unit Availability Factor	<u>89.2</u>	<u>21.8</u>	<u>67.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>51.2</u>	<u>11.8</u>	<u>58.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>49.7</u>	<u>11.4</u>	<u>57.2</u>
23. Unit Forced Outage Rate	<u>10.8</u>	<u>35.3</u>	<u>18.1</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: July 12, 1982

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

DOCKET NO. 50-270
 UNIT NAME Oconee 2
 DATE 7-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

REPORT MONTH June, 1982

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	82-06-01	F	--	A	--		SB	PUMPXX	2 "A" HPI (High pressure injection) pump out of service. Holding 59% power per tech. spec. requirement.
3	82-06-26	F	19.98	A	3		HA	TURBIN	Low turbine control oil pressure resulted in turbine/reactor trip.
3-p	82-06-28	F	--	A	--		HG	FILTER	Holding at 90% power because of a polishing demineralizer problem.
4	82-06-28	F	57.97	A	2		HA	TURBIN	Reactor/turbine was tripped manually following a severe leak in the turbine extraction piping.

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

DOCKET NO. 50-270UNIT Oconee 2DATE 7-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>493</u>	17	<u>494</u>
2	<u>493</u>	18	<u>492</u>
3	<u>490</u>	19	<u>492</u>
4	<u>492</u>	20	<u>492</u>
5	<u>489</u>	21	<u>492</u>
6	<u>486</u>	22	<u>492</u>
7	<u>486</u>	23	<u>492</u>
8	<u>487</u>	24	<u>492</u>
9	<u>488</u>	25	<u>493</u>
10	<u>488</u>	26	<u>70</u>
11	<u>487</u>	27	<u>478</u>
12	<u>486</u>	28	<u>437</u>
13	<u>485</u>	29	<u>---</u>
14	<u>484</u>	30	<u>---</u>
15	<u>485</u>	31	<u>---</u>
16	<u>492</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: 50-270
UNIT: Oconee Unit 2
DATE: 7-15-82

NARRATIVE SUMMARY

Month: June, 1982

Oconee 2 began the month at 59% power because of a tech. spec. requirement with the 2 "A" HPI (high pressure injection) pump unavailable. The pump was made available on June 27.

A turbine/reactor trip was experienced on June 26 due to low control oil pressure on the turbine. The unit was returned to service the following day and increased in power. A hold at 90% power was necessary to resolve a polishing demineralizer problem.

On June 28 at 1402, the reactor/turbine was manually tripped following a severe leak in the turbine extraction piping. Inspection and repairs are in progress.

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 7-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee #3
2. Reporting Period: June 1, 1982 - June 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	4 343.0	66 095.0
12. Number Of Hours Reactor Was Critical	0.0	1 709.6	47 023.5
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	0.0	1 702.3	46 018.4
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	0	4 322 647	111 841 386
17. Gross Electrical Energy Generated (MWH)	0	1 494 110	38 640 924
18. Net Electrical Energy Generated (MWH)	-1 614	1 419 830	36 771 306
19. Unit Service Factor	0.0	39.2	69.6
20. Unit Availability Factor	0.0	39.2	69.6
21. Unit Capacity Factor (Using MDC Net)	0.0	38.0	64.5
22. Unit Capacity Factor (Using DER Net)	0.0	36.9	62.8
23. Unit Forced Outage Rate	0.0	37.3	16.1

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: September 5, 1982

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME Oconee 3
 DATE 7-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

REPORT MONTH June, 1982

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	82-06-01	S	720.00	B	--		ZZ	ZZZZZZ	End of cycle outage continues. NRC NSM's; 10 yr. ISI (in service inspection); CSA (core support assembly) bolt replacement; steam generator auxiliary feed ring modification, and refueling 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
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⁵
 Exhibit I - Same Source

DOCKET NO. 50-287

UNIT Oconee 3

DATE 7-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>-</u>	17	<u>-</u>
2	<u>-</u>	18	<u>-</u>
3	<u>-</u>	19	<u>-</u>
4	<u>-</u>	20	<u>-</u>
5	<u>-</u>	21	<u>-</u>
6	<u>-</u>	22	<u>-</u>
7	<u>-</u>	23	<u>-</u>
8	<u>-</u>	24	<u>-</u>
9	<u>-</u>	25	<u>-</u>
10	<u>-</u>	26	<u>-</u>
11	<u>-</u>	27	<u>-</u>
12	<u>-</u>	28	<u>-</u>
13	<u>-</u>	29	<u>-</u>
14	<u>-</u>	30	<u>-</u>
15	<u>-</u>	31	<u>-</u>
16	<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: 50-287
UNIT: Oconee Unit 3
DATE: 7-15-82

NARRATIVE SUMMARY

Month: June, 1982

The end of cycle outage continues with NRC NSMs; 10 yr. ISI (inservice inspection); CSA (core support assembly) bolt replacement; steam generators auxiliary feed ring modification; and refueling in progress. On line date is September 5, 1982.

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

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: Refueling
(b) in the spent fuel pool: 371

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: July 15, 1982

Name of Contact: J. A. Reavis

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

For the month of May, 1 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 0.610 rem, which represents approximately 12.2% of that person's allowable annual limit.

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

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