

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 5/15/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: April, 1979
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>719.0</u>	<u>2,879.0</u>	<u>50,760.0</u>
12. Number Of Hours Reactor Was Critical	<u>719.0</u>	<u>2,878.3</u>	<u>37,106.0</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>719.0</u>	<u>2,875.1</u>	<u>34,599.8</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,842,937</u>	<u>7,260,151</u>	<u>81,229,314</u>
17. Gross Electrical Energy Generated (MWH)	<u>638,130</u>	<u>2,540,450</u>	<u>28,181,630</u>
18. Net Electrical Energy Generated (MWH)	<u>609,800</u>	<u>2,426,044</u>	<u>26,657,366</u>
19. Unit Service Factor	<u>100.0</u>	<u>99.9</u>	<u>68.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>99.9</u>	<u>68.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.6</u>	<u>98.0</u>	<u>60.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.7</u>	<u>95.1</u>	<u>59.3</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.1</u>	<u>16.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - November, 1979 - 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	<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 Unit 1
 DATE 5/15/79
 COMPLETED BY J.A. Reavis
 TELEPHONE (704) 373-8552

REPORT MONTH April, 1979

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
NO REPORTABLE REDUCTIONS OR OUTAGES									

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee Unit 1
 DATE 5/15/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH April, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	853
2	850
3	850
4	852
5	851
6	849
7	848
8	851
9	850
10	849
11	850
12	848
13	847
14	846
15	842
16	848

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	849
18	851
19	850
20	851
21	849
22	837
23	849
24	846
25	846
26	847
27	847
28	846
29	813
30	843
31	

INSTRUCTIONS

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: November, 1979
3. Scheduled restart following refueling: December, 1979
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? NA.
If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: August 10, 1979
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None

7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 545 (Station total).

8. Present licensed fuel pool capacity: 336.
Size of requested or planned increase: 414 (Requested February 2, 1979).

9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire.

DUKE POWER COMPANY Date: May 15, 1979

Name of Contact: J. A. Reavis Phone (704) 373-8552

DOCKET NO: 50-269
UNIT: Oconee Unit 1
DATE: 5/15/79

NARRATIVE SUMMARY

MONTH: April, 1979

Oconee 1 ran with no outages or reportable reductions during the month of April.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 5/15/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: April, 1979
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>719.0</u>	<u>2,879.0</u>	<u>40,680.0</u>
12. Number Of Hours Reactor Was Critical	<u>719.0</u>	<u>2,866.1</u>	<u>28,864.7</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>719.0</u>	<u>2,858.3</u>	<u>28,099.5</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,702,573</u>	<u>6,999,913</u>	<u>66,492,298</u>
17. Gross Electrical Energy Generated (MWH)	<u>583,590</u>	<u>2,388,300</u>	<u>22,631,846</u>
18. Net Electrical Energy Generated (MWH)	<u>556,806</u>	<u>2,281,001</u>	<u>21,476,471</u>
19. Unit Service Factor	<u>100.0</u>	<u>99.3</u>	<u>69.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>99.3</u>	<u>69.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.1</u>	<u>92.1</u>	<u>61.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>87.4</u>	<u>89.4</u>	<u>59.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.1</u>	<u>20.8</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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 5/15/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

REPORT MONTH April, 1979

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
6	79-04-06	F	—	A	—		HC	HTEXCH	2A1 condenser tube leak
7	79-04-19	F	—	A	—		HC	HTEXCH	Further checking for condenser tube leak
8	79-04-25	F	—	A	—		HC	HTEXCH	2A1 condenser tube leak

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 5/15/79
 COMPLETED BY J. A. Reavis
 (704) 373-8552
 TELEPHONE

MONTH April, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	767	17	835
2	839	18	830
3	841	19	811
4	842	20	744
5	841	21	753
6	841	22	687
7	760	23	710
8	742	24	714
9	822	25	796
10	840	26	700
11	838	27	672
12	835	28	673
13	842	29	639
14	777	30	665
15	731	31	
16	814		

INSTRUCTIONS

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: November, 1979
3. Scheduled restart following refueling: December, 1979
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? NA

If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: September 6, 1979
 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None
- _____
- _____
- _____
- _____

7. Number of fuel assemblies: (a) in the core: 177
- (b) in the spent fuel pool: See Unit 1.

8. Present licensed fuel pool capacity: See Oconee Unit 1
- Size of requested or planned increase: See Oconee Unit 1

9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 Assuming no transfer to McGuire

DUKE POWER COMPANY

Date: May 15, 1979

Name of Contact: J. A. Reavis, Phone (704) 373-8552

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 5/15/79

NARRATIVE SUMMARY

MONTH: April, 1979

Oconee 2 experienced no outages during the month of April. Reserve reductions were made several times due to low system demand.

Three reductions on April 6, 19, and 25 were made in attempting to locate possible condenser tube leaks. The last reduction was still in progress at the month's end with the 2A1 condenser water box being out of service.

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 5/15/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: April, 1979
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>719.0</u>	<u>2,879.0</u>	<u>38,327.0</u>
12. Number Of Hours Reactor Was Critical	<u>672.0</u>	<u>2,738.0</u>	<u>30,504.9</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>670.5</u>	<u>2,726.8</u>	<u>29,748.5</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,693,730</u>	<u>6,768,005</u>	<u>71,291,043</u>
17. Gross Electrical Energy Generated (MWH)	<u>594,190</u>	<u>2,374,180</u>	<u>24,686,674</u>
18. Net Electrical Energy Generated (MWH)	<u>568,625</u>	<u>2,270,231</u>	<u>23,507,258</u>
19. Unit Service Factor	<u>93.3</u>	<u>94.7</u>	<u>77.6</u>
20. Unit Availability Factor	<u>93.3</u>	<u>94.7</u>	<u>77.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.0</u>	<u>91.7</u>	<u>70.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>89.3</u>	<u>89.0</u>	<u>69.2</u>
23. Unit Forced Outage Rate	<u>6.8</u>	<u>5.3</u>	<u>11.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 6, 1979

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, 1979

DOCKET NO. 50-287
 UNIT NAME Oconee Unit 3
 DATE 5/15/79
 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
14	79-04-28	F	48.55	D	1		WE	XXXXXX	Investigation of possible safety problems and required modifications. (Annual refueling also started on 79-04-28.)

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287

UNIT Oconee Unit 3

DATE 5/15/79

COMPLETED BY J. A. Reavis

TELEPHONE (704) 373-8552

MONTH April, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	839	17	857
2	858	18	857
3	858	19	856
4	859	20	858
5	859	21	862
6	861	22	860
7	860	23	861
8	860	24	858
9	862	25	857
10	859	26	857
11	857	27	859
12	855	28	542
13	856	29	--
14	862	30	--
15	864	31	
16	864		

INSTRUCTIONS

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: June 6, 1979
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? NA

If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: March 30, 1979
 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None
- _____
- _____
- _____
- _____

7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: See Unit 1.

8. Present licensed fuel pool capacity: 474.
Size of requested or planned increase: No increase planned

9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire

DUKE POWER COMPANY

Date: May 15, 1979

Name of Contact: J. A. Reavis

Phone (704) 373-8552

DOCKET NO: 50-287
UNIT: Oconee Unit 3
DATE: 5/15/79

NARRATIVE SUMMARY

MONTH: April, 1979

Oconee 3 ran until April 28 at near rated power. On April 28 at 2227, the unit was removed from service for investigation and modification of possible safety problems related to TMI. At this time refueling was started.

OCONEE NUCLEAR STATION
MONTHLY OPERATING STATUS REPORT

1. Personnel Exposure

For the month of March, no individual exceeded 10 percent of their allowable annual dose limit.

2. Radioactive Waste Releases

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 11.51 percent of this limit.