

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 0515-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: April, 1981
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	719.0	2,879.0	68,304.0
12. Number Of Hours Reactor Was Critical	719.0	2,321.4	49,607.4
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	719.0	2,292.6	46,876.7
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,834,566	5,525,763	109,980,150
17. Gross Electrical Energy Generated (MWH)	650,040	1,960,670	38,262,500
18. Net Electrical Energy Generated (MWH)	621,869	1,865,339	36,213,348
19. Unit Service Factor	100.0	79.6	68.6
20. Unit Availability Factor	100.0	79.6	68.7
21. Unit Capacity Factor (Using MDC Net)	100.6	75.3	61.4
22. Unit Capacity Factor (Using DER Net)	97.6	73.1	59.8
23. Unit Forced Outage Rate	0.0	20.4	17.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - July 12 - 15 Weeks</u>			

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 RATIONING

50-269

DOCKET NO.	
UNIT NAME	
DATE	
COMPLETED BY	
TELEPHONE	

REPORT MONTH April, 1981

[illegible]

1	2	3	4	5
I. Forced S. Scheduled	Reason	Method	Exhibit G - Instructions for Preparation of Data Entry Sheets for License Event Report (IER) File (NURIG 0161)	Exhibit I - Same Source
	A. Equipment Failure (Explain)	1. Manual		
	B. Maintenance or Test	2. Manual Scram		
	C. Retooling	3. Automatic Scram		
	D. Regulatory Restriction	4. Other (Explain)		
	E. Operator Training & License Examination			
	F. Administrative			
	G. Operational Error (Explain)			
	H. Other (Explain)			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee Unit 1
 DATE 05-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH April, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>861</u>	17	<u>869</u>
2	<u>865</u>	18	<u>868</u>
3	<u>865</u>	19	<u>867</u>
4	<u>865</u>	20	<u>867</u>
5	<u>851</u>	21	<u>868</u>
6	<u>862</u>	22	<u>868</u>
7	<u>867</u>	23	<u>869</u>
8	<u>870</u>	24	<u>868</u>
9	<u>837</u>	25	<u>867</u>
10	<u>867</u>	26	<u>827</u>
11	<u>866</u>	27	<u>865</u>
12	<u>867</u>	28	<u>864</u>
13	<u>867</u>	29	<u>869</u>
14	<u>867</u>	30	<u>868</u>
15	<u>866</u>	31	<u> </u>
16	<u>865</u>		

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: July, 1981
3. Scheduled restart following refueling: September, 1981
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: April, 1981
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: 342.
8. Present licensed fuel pool capacity: 1312.
Size of requested or planned increase: None
9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: May 15, 1981

Name of Contact: J. A. Reavis

DOCKET NO: 50-269
UNIT: Oconee Unit 1
DATE: May 15, 1981

NARRATIVE SUMMARY

MONTH: April, 1981

Except for a couple short reductions, Oconee 1 operated at rated power the entire month of April.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 05-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: April, 1981
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>58,224.0</u>
12. Number Of Hours Reactor Was Critical	<u>717.3</u>	<u>2,577.7</u>	<u>41,682.6</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>713.5</u>	<u>2,539.5</u>	<u>40,715.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,815,506</u>	<u>5,765,946</u>	<u>95,862,061</u>
17. Gross Electrical Energy Generated (MWH)	<u>631,290</u>	<u>1,994,740</u>	<u>32,606,976</u>
18. Net Electrical Energy Generated (MWH)	<u>604,466</u>	<u>1,905,160</u>	<u>30,947,726</u>
19. Unit Service Factor	<u>99.2</u>	<u>88.2</u>	<u>69.9</u>
20. Unit Availability Factor	<u>99.2</u>	<u>88.2</u>	<u>69.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.8</u>	<u>77.0</u>	<u>61.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.9</u>	<u>74.7</u>	<u>60.0</u>
23. Unit Forced Outage Rate	<u>0.8</u>	<u>1.5</u>	<u>17.1</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: _____

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 April, 1981

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 05-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	Licensee Event Report #	System Code	Component Codes	Cause & Corrective Action to Prevent Recurrence
5	81-04-01	F	5.55	A	3		HC	VALVEX	Valve 2 HP-29 (moisture separator reheater dump valve) failed to open during test, resulting in a unit trip due to high level.

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 (FER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 05-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH April, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>482</u>
2	<u>846</u>
3	<u>852</u>
4	<u>852</u>
5	<u>831</u>
6	<u>848</u>
7	<u>852</u>
8	<u>851</u>
9	<u>853</u>
10	<u>855</u>
11	<u>857</u>
12	<u>856</u>
13	<u>855</u>
14	<u>856</u>
15	<u>854</u>
16	<u>857</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>859</u>
18	<u>858</u>
19	<u>839</u>
20	<u>856</u>
21	<u>856</u>
22	<u>857</u>
23	<u>856</u>
24	<u>856</u>
25	<u>857</u>
26	<u>821</u>
27	<u>854</u>
28	<u>853</u>
29	<u>854</u>
30	<u>854</u>
31	<u></u>

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: October, 1981
3. Scheduled restart following refueling: December, 1981
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: May, 1981.
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: 342.
8. Present licensed fuel pool capacity: 1312.
Size of requested or planned increase: None.
9. Projected date of last refueling which can be accommodated by present licensed capacity: _____.

DUKE POWER COMPANY

Date: May 15, 1981

Name of Contact: J. A. Reavis

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: May 15, 1981

NARRATIVE SUMMARY

MONTH: April, 1981

Oconee 2 tripped on April 1 at 0109 while performing a periodic test on the 2 "A" MSDT. The dump valve to condenser (2HP-29) failed to open when the pump motor was shut off. At 0642 the unit was back in service and increased to near-rated power. Except for short reserve reductions, full power operation was experienced the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 05-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: April, 1981
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	719.0	2,879.0	55,871.0
12. Number Of Hours Reactor Was Critical	706.9	1,155.3	39,558.4
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	690.9	1,104.2	38,583.2
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,742,422	2,665,637	92,969,978
17. Gross Electrical Energy Generated (MWH)	605,170	923,250	32,154,464
18. Net Electrical Energy Generated (MWH)	578,148	870,997	30,585,392
19. Unit Service Factor	96.1	38.4	69.1
20. Unit Availability Factor	96.1	38.4	69.1
21. Unit Capacity Factor (Using MDC Net)	93.5	35.2	63.4
22. Unit Capacity Factor (Using DER Net)	90.8	34.2	61.8
23. Unit Forced Outage Rate	3.9	2.5	16.6

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, 1981

DOCKET NO. 50-287
 UNIT NAME Oconee Unit 3
 DATE 05-15-81
 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	81-04-09	F	13.00	A	3		HA	TURBIN	Unit tripped on loss of generator excitation during voltage change.
5-p	81-04-25	F	-	B	-		CH	PUMPXX	3 "B" FWP off to investigate cause of water in 3 "B" FWPT oil tank.
3	81-04-26	F	15.10	G	3		HA	TURBIN	An improper valve line up during a mulsifyre test allowed the main turbine oil tank to be wet down, causing a short in instrumentation, resulting in a unit trip.

1 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 05-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH April, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>855</u>
2	<u>854</u>
3	<u>851</u>
4	<u>851</u>
5	<u>854</u>
6	<u>854</u>
7	<u>853</u>
8	<u>841</u>
9	<u>500</u>
10	<u>573</u>
11	<u>853</u>
12	<u>854</u>
13	<u>854</u>
14	<u>854</u>
15	<u>857</u>
16	<u>856</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>855</u>
18	<u>855</u>
19	<u>853</u>
20	<u>854</u>
21	<u>855</u>
22	<u>857</u>
23	<u>855</u>
24	<u>856</u>
25	<u>717</u>
26	<u>119</u>
27	<u>837</u>
28	<u>856</u>
29	<u>854</u>
30	<u>853</u>
31	<u></u>

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: June, 1982
3. Scheduled restart following refueling: August, 1982
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: June, 1982
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: 463.
8. Present licensed fuel pool capacity: 474.
Size of requested or planned increase: None
9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: May 15, 1981

Name of Contact: J. A. Reavis

DOCKET NO: 50-287
UNIT: Oconee Unit 3
DATE: May 15, 1981

NARRATIVE SUMMARY

MONTH: April, 1981

Oconee 3 began the month of April at full power. A unit trip occurred on April 9 due to the loss of generator excitation while changing the generator voltage. The unit was returned to service the same day and increased in power.

On April 25, power was reduced and the 3 "B" FWP was removed from service to investigate cause of water in the FWPT oil reservoir.

A unit trip was experienced on April 26 while performing a fire protection system test. An improper valve line up allowed the main turbine oil reservoir to be wet down causing a short in instrumentation. The unit returned to service the same day and increased in power. Full power was reached on April 27 and continued the remainder of the month.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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