

OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 11-13-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: October 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	745.0	7,296.0	72,721.0
12. Number Of Hours Reactor Was Critical	0.0	3,689.2	50,975.2
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	0.0	3,658.7	48,242.8
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	0	8,990,912	113,445,299
17. Gross Electrical Energy Generated (MWH)	0	3,174,500	39,476,330
18. Net Electrical Energy Generated (MWH)	-1,974	3,013,160	37,361,169
19. Unit Service Factor	0.0	50.2	66.3
20. Unit Availability Factor	0.0	50.2	66.4
21. Unit Capacity Factor (Using MDC Net)	0.0	48.0	59.5
22. Unit Capacity Factor (Using DER Net)	0.0	46.6	58.0
23. Unit Forced Outage Rate	100.0	26.7	17.8

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: December 13, 1981

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October, 1981

DOCKET NO. 50-269
 UNIT NAME Oconee Unit 1
 DATE 11-13-81
 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
5a	81-10-01	F	745.00	A	--		RC	VESSEL	Reactor core support assembly bolt stud replacement. Refueling/inspection/modifications continue.

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

(0/11)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee Unit 1
 DATE 11-13-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH October, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-</u>
2	<u>-</u>
3	<u>-</u>
4	<u>-</u>
5	<u>-</u>
6	<u>-</u>
7	<u>-</u>
8	<u>-</u>
9	<u>-</u>
10	<u>-</u>
11	<u>-</u>
12	<u>-</u>
13	<u>-</u>
14	<u>-</u>
15	<u>-</u>
16	<u>-</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>-</u>
18	<u>-</u>
19	<u>-</u>
20	<u>-</u>
21	<u>-</u>
22	<u>-</u>
23	<u>-</u>
24	<u>-</u>
25	<u>-</u>
26	<u>-</u>
27	<u>-</u>
28	<u>-</u>
29	<u>-</u>
30	<u>-</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.

DOCKET NO: 50-269

UNIT: Oconee Unit 1

DATE: 11-13-81

NARRATIVE SUMMARY

MONTH: October, 1981

The reactor core support assembly repair is still in progress with all bolts removed and replaced with new ones. Tensioning of the bolts is being completed.

Refueling/inspection/modifications/other NSM's continue.

Mid-December is the expected return to service date.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: June, 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: Submitted May 29, 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: 0
(b) in the spent fuel pool: 542*
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: November 13, 1981

Name of Contact: J. A. Reavis

*Represents total for the combined Unit 1 & 2 Spent Fuel Pool.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 11-13-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: October 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	745.0	7,296.0	62,641.0
12. Number Of Hours Reactor Was Critical	2.4	5,711.5	44,816.3
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	0.0	5,667.2	43,842.9
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	0	13,689,861	103,785,976
17. Gross Electrical Energy Generated (MWH)	0	4,716,840	35,329,076
18. Net Electrical Energy Generated (MWH)	-8,685	4,493,646	33,536,212
19. Unit Service Factor	0.0	77.7	70.0
20. Unit Availability Factor	0.0	77.7	70.0
21. Unit Capacity Factor (Using MDC Net)	0.0	71.6	62.0
22. Unit Capacity Factor (Using DER Net)	0.0	69.5	60.4
23. Unit Forced Outage Rate	100.0	19.0	18.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling January 3, 1982 - 14 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 1, 1981

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

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October, 1981

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 11-13-81
 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
7	81-10-01	F	745.00	A	--		CB	HTEXCH	<p>Repair of tube leak in the 2-"B" steam generator.</p> <p>Delays in startup were caused by:</p> <p>a. Pressurizer relief valve 2RC-4</p> <p>b. Decay heat removal system valve (2 LP-2)</p> <p>c. Feedwater valve (2FDW-127)</p>

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)

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 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

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 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
UNIT Oconee Unit 2
DATE 11-13-81
COMPLETED BY J. A. Reavis
TELEPHONE (704) 373-8552

MONTH October, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-</u>
2	<u>-</u>
3	<u>-</u>
4	<u>-</u>
5	<u>-</u>
6	<u>-</u>
7	<u>-</u>
8	<u>-</u>
9	<u>-</u>
10	<u>-</u>
11	<u>-</u>
12	<u>-</u>
13	<u>-</u>
14	<u>-</u>
15	<u>-</u>
16	<u>-</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>-</u>
18	<u>-</u>
19	<u>-</u>
20	<u>-</u>
21	<u>-</u>
22	<u>-</u>
23	<u>-</u>
24	<u>-</u>
25	<u>-</u>
26	<u>-</u>
27	<u>-</u>
28	<u>-</u>
29	<u>-</u>
30	<u>-</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.

DOCKET NO: 50-270

UNIT: Oconee Unit 2

DATE: 11-13-81

NARRATIVE SUMMARY

MONTH: October, 1981

Oconee 2 was unavailable the complete month of October to repair a tube leak in the "B" steam generator.

Maintenance on the pressurizer relief valve (2 RC-4) and the decay heat removal system valve (2 LP-2) delayed the startup of the unit. A feedwater valve (2 FDW-127) also contributed to the delay.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: January, 1982
3. Scheduled restart following refueling: April, 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
5. 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
6. Scheduled date(s) for submitting proposed licensing action and supporting information: October, 1981
7. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
8. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 542*
9. Present licensed fuel pool capacity: 1312*.
Size of requested or planned increase: None
10. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: November 13, 1981

Name of Contact: J. A. Reavis

*Represents total for the combined Unit 1 & 2 Spent Fuel Pool.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 11-13-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

Notes

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

1. Unit Name: Oconee Unit 3
2. Reporting Period: October 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

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	745.0	7,296.0	60,288.0
12. Number Of Hours Reactor Was Critical	745.0	5,446.8	43,849.9
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	745.0	5,373.1	42,852.1
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1,900,511	13,497,119	103,801,460
17. Gross Electrical Energy Generated (MWH)	650,570	4,635,070	35,866,284
18. Net Electrical Energy Generated (MWH)	621,416	4,411,878	34,126,273
19. Unit Service Factor	100.0	73.6	71.1
20. Unit Availability Factor	100.0	73.6	71.1
21. Unit Capacity Factor (Using MDC Net)	97.0	70.3	65.6
22. Unit Capacity Factor (Using DER Net)	94.1	68.3	63.9
23. Unit Forced Outage Rate	0.0	3.2	15.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling June 1982 - 14 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 REDUCTIONS

REPORT MONTH October, 1981

DOCKET NO. 50-287
 UNIT NAME Oconee Unit 3
 DATE 11-13-81
 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
14-p	81-10-9	F	--	B	--		HC	HTEXCH	Reactor power reduced to isolate turbine condenser water box to check for condenser tube leak.

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
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
 UNIT Oconee Unit 3
 DATE 11-13-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH October, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	835
2	838
3	836
4	822
5	836
6	837
7	838
8	838
9	834
10	731
11	836
12	837
13	839
14	838
15	840
16	840

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	841
18	841
19	841
20	839
21	835
22	836
23	839
24	838
25	873
26	839
27	840
28	840
29	839
30	837
31	839

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.

DOCKET NO: 50-287

UNIT: Oconee Unit 3

DATE: 11-13-81

NARRATIVE SUMMARY

MONTH: October, 1981

Oconee 3 began the month at near-rated power. The reactor power was reduced to 85% on October 9, 1981 to isolate a condenser water box to check for a possible condenser tube leak. On October 10, 1981 the reactor was returned to near-rated power and continued the remainder of the month.

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
5. 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
6. Scheduled date(s) for submitting proposed licensing action and supporting information: March, 1982
7. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
8. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 463
9. Present licensed fuel pool capacity: 474.
Size of requested or planned increase: None
10. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: November 13, 1981

Name of Contact: J. A. Reavis

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

For the month of September, 17 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 2.760 rem, which represents approximately 23.0% of that person's allowable annual limit.

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

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