

# Operating Data Report

Docket No.	50-269
Date	May 13, 1999
Completed By	Roger Williams
Telephone	704-382-5346

## Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 1999 - April 30, 1999
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): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reason for Restrictions, If any: \_\_\_\_\_
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	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	226080.0
12. Number of Hours Reactor was Critical	719.0	2879.0	175186.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	172109.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1845879	7352082	423858686
17. Gross Electrical Energy Generated (MWH)	647112	2572532	146496292
18. Net Electrical Energy Generated (MWH)	619572	2462338	139246599
19. Unit Service Factor	100.0	100.0	76.1
20. Unit Availability Factor	100.0	100.0	76.1
21. Unit Capacity Factor (Using MDC Net)	101.9	101.1	72.1
22. Unit Capacity Factor (Using DER Net)	97.3	96.5	69.5
23. Unit Forced Outage Rate	0.0	0.0	10.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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	_____	_____

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

9905200129 990513  
PDR ADOCK 05000269  
R PDR

## UNIT SHUTDOWNS

DOCKET NO. 50-269UNIT NAME: Oconee 1DATE: May 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			No	Outages	for the Month		
Summary:							

## (1) Reason

A - Equipment failure (Explain)

B - Maintenance or Test

C - Refueling

D - Regulatory restriction

E - Operator Training/License Examination

F - Administrative

G - Operator Error (Explain)

H - Other (Explain)

## (2) Method

1 - Manual

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: May 1999
3. Scheduled restart following refueling: July 1999

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

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: <u>177</u>
(b)	in the spent fuel pool: <u>998*</u>
(c)	in the ISFSI: <u>1056****</u>
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 license capacity: March 2013\*\*\*

DUKE POWER COMPANY

DATE: May 13, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

- \* Represents the combined total for Units 1 and 2
- \*\* On March 29, 1990, received a license for ISFSI which will store 2112 assemblies
- \*\*\* This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as-needed basis.
- \*\*\*\* Represents the combined total for Units 1, 2, and 3

# ● Operating Data Report ●

Docket No.	50-270
Date	May 13, 1999
Completed By	Roger Williams
Telephone	704-382-5346

## Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 1999 - April 30, 1999
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): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reason for Restrictions, If any: \_\_\_\_\_
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	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	216000.0
12. Number of Hours Reactor was Critical	719.0	2760.3	171802.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2741.0	169497.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1845262	6995848	416396392
17. Gross Electrical Energy Generated (MWH)	649519	2456257	142823188
18. Net Electrical Energy Generated (MWH)	622414	2350415	136024713
19. Unit Service Factor	100.0	95.2	78.5
20. Unit Availability Factor	100.0	95.2	78.5
21. Unit Capacity Factor (Using MDC Net)	102.3	96.5	73.7
22. Unit Capacity Factor (Using DER Net)	97.7	92.1	71.1
23. Unit Forced Outage Rate	0.0	4.8	9.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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	_____	_____

NRC Calculated from Generator Nameplate Data:  
 1 037 937 KVA x 0.90 Pf=934 MW

## UNIT SHUTDOWNS

DOCKET NO. 50-270UNIT NAME: Oconee 2DATE: May 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			No	Outages	for the Month		
Summary:							

## (1) Reason

A - Equipment failure (Explain)

B - Maintenance or Test

C - Refueling

D - Regulatory restriction

E - Operator Training/License Examination

F - Administrative

G - Operator Error (Explain)

H - Other (Explain)

## (2) Method

1 - Manual

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

## MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: November 1999
3. Scheduled restart following refueling: December 1999

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

**If yes, what will these be?**

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

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: 1056\*
  - (c) in the ISFSI: See unit 1 \*\*\*\*
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 license capacity: October 2013\*\*\*

DUKE POWER COMPANY

DATE: May 13, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

- \* Represents the combined total for Units 1 and 2
- \*\* See footnote on Unit 1
- \*\*\* This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.
- \*\*\*\* See footnote on Unit 1

# ● Operating Data Report ●

Docket No.	50-287
Date	May 13, 1999
Completed By	Roger Williams
Telephone	704-382-5346

## Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 1999 - April 30, 1999
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): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

**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): \_\_\_\_\_

10. Reason for Restrictions, If any: \_\_\_\_\_

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	213647.0
12. Number of Hours Reactor was Critical	719.0	2853.1	166214.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2844.1	163798.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1845879	7249773	408278001
17. Gross Electrical Energy Generated (MWH)	648136	2553591	141070632
18. Net Electrical Energy Generated (MWH)	621219	2447734	134540385
19. Unit Service Factor	100.0	98.8	76.7
20. Unit Availability Factor	100.0	98.8	76.7
21. Unit Capacity Factor (Using MDC Net)	102.1	100.5	73.7
22. Unit Capacity Factor (Using DER Net)	97.5	96.0	71.1
23. Unit Forced Outage Rate	0.0	1.2	10.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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	_____	_____

NRC Calculated from Generator Nameplate Data:  
 1 037 937 KVA x 0.90 Pf=934 MW

## UNIT SHUTDOWNS

DOCKET NO. 50-287UNIT NAME: Oconee 3DATE: May 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			No	Outages	for the Month		
Summary:							

## (1) Reason

A - Equipment failure (Explain)

B - Maintenance or Test

C - Refueling

D - Regulatory restriction

E - Operator Training/License Examination

F - Administrative

G - Operator Error (Explain)

H - Other (Explain)

## (2) Method

1 - Manual

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation



## MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: April 2000
3. Scheduled restart following refueling: May 2000

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

**If yes, what will these be?**

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

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: 612  
  (c)         in the ISFSI: See Unit 1 \*\*\*\*
8. Present licensed fuel pool capacity: 825  
Size of requested or planned increase: \*\*
9. Projected date of last refueling which can be accommodated by present license capacity: July 2014\*\*\*

DUKE POWER COMPANY

DATE: May 13, 1999

Name of Contact: R. A. Williams

**Phone: (704) - 382-5346**

\*\* See footnote of Unit 1

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

\*\*\*\* See footnote on Unit 1