

# Operating Data Report

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

## Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: September 1, 1999 - September 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	720.0	6551.0	229752.0
12. Number of Hours Reactor was Critical	720.0	5312.1	177619.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	712.0	5174.5	174404.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1746651	13126384	429632988
17. Gross Electrical Energy Generated (MWH)	595209	4546496	148470256
18. Net Electrical Energy Generated (MWH)	566466	4330248	141114509
19. Unit Service Factor	98.9	79.0	75.9
20. Unit Availability Factor	98.9	79.0	75.9
21. Unit Capacity Factor (Using MDC Net)	93.0	78.1	71.9
22. Unit Capacity Factor (Using DER Net)	88.8	74.6	69.3
23. Unit Forced Outage Rate	1.1	5.4	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

9910210351 991013  
 PDR ADDCK 05000269  
 R PDR

3A - 10/13/99

## UNIT SHUTDOWNS

DOCKET NO. 50-269UNIT NAME: Oconee 1DATE: October 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: September, 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
9	09/07/99	F	8.03	A	--		INVESTIGATE/REPAIR '1A2' T-HOT AND T-COLD LEG TEMPERATURE INSTRUMENT NOT INDICATING CORRECTLY

**Summary:**

Oconee Unit 1 began the month of September operating at 100% full power. The unit operated at or near 100% full power until 09/07/99 at 2021 when the unit began decreasing power and held at 15% power on 09/07/99 from 2151 to 2341 to take the turbine/generator off-line to investigate/repair '1A2' T-Hot and T-Cold leg temperature instrument not indicating correctly (Reactor Critical). On 09/07/99 at 2350 the unit held at 8% power. The unit was placed on-line 09/08/99 at 0743. During power escalation, the unit held at 20% power from 0825 to 1021, 65% power from 1343 to 1401 and 90% power from 1604 to 1611 due to nuclear instrumentation calibration checks. The unit held at 97% power from 1649 to 1710 for nuclear instrumentation calibration check and to place '1E2' heater drain pump inservice. The unit returned to 100% full power on 09/08/99 at 1745. On 09/17/99 at 0625 the unit began decreasing power and held at 60% power from 0639 to 09/19/99 at 2016 to remove '1A' main feedwater pump from service to repair inboard seal packing leak. The unit held at 65% power from 2037 to 2053 and at 90% power from 2218 to 2305 due to nuclear instrumentation calibration check. The unit returned to 100% full power on 09/20/99 at 0015 and operated at or near 100% full power the remainder of the month.

**(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  
 2 - Manual Trip/Scram  
 3 - Automatic Trip/Scram  
 4 - Continuation  
 5 - Other (Explain)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: November, 2000
3. Scheduled restart following refueling: January, 2001

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: 1058\*  
(c) in the ISFSI: 1104\*\*\*\*
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: October 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

## UNIT SHUTDOWNS

DOCKET NO. 50-270UNIT NAME: Oconee 2DATE: October 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: September, 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: <u>177</u>
(b)	in the spent fuel pool: <u>1058*</u>
(c)	in the ISFSI: <u>See unit 1 ****</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: October 2013\*\*\*

DUKE POWER COMPANY

DATE: October 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	October 13, 1999
Completed By	Roger Williams
Telephone	704-382-5346

## Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: September 1, 1999 - September 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	720.0	6551.0	217319.0
12. Number of Hours Reactor was Critical	720.0	6481.9	169843.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6467.4	167422.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848344	45802439	446830667
17. Gross Electrical Energy Generated (MWH)	635872	5778901	144295942
18. Net Electrical Energy Generated (MWH)	607742	5532432	137625083
19. Unit Service Factor	100.0	98.7	77.0
20. Unit Availability Factor	100.0	98.7	77.0
21. Unit Capacity Factor (Using MDC Net)	99.8	99.8	74.1
22. Unit Capacity Factor (Using DER Net)	95.3	95.3	71.5
23. Unit Forced Outage Rate	0.0	0.5	10.1
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: October 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: September, 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

## UNIT SHUTDOWNS

DOCKET NO. 50-287UNIT NAME: Oconee 3DATE: October 13, 1999COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: September, 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: <u>177</u>
(b)	in the spent fuel pool: <u>612</u>
(c)	in the ISFSI: <u>See Unit 1 ****</u>
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: October 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