

Duke Power 526 South Church Street P.O. Box 1006 Charlotte, NC 28201-1006

October 15, 2002

U.S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, D.C. 20555

Subject: Duke Energy Corporation Oconee Nuclear Station, Units 1, 2, and 3 Docket Numbers 50-269, 50-270 and 50-287 Monthly Performance and Operation Status-September, 2002

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of September, 2002.

Any questions or comments may be directed to Roger A. Williams at (704) 382-5346.

Sincerely,

Jerry Normery Davil Patta Terry Dimmery, Manager

Nuclear Business Support

Attachment XC:

L. A. Reyes, Regional Administrator USNRC, Region II

Dave LaBarge, Project Manager USNRC, ONRR

INPO Records Center

Ms. Margaret Aucoin Nuclear Assurance Corporation

Dottie Sherman, ANI Library American Nuclear Insurers

Oconee NRC Inspector

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Document Control Desk U.S. NRC - Oconee

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L. E. Nicholson (ON03RC) RGC Site Licensing File ELL (EC050)

# **Operating Data Report**

		Docket No.	<u>50-269</u> October 15 2002
		Date Completed By	Roger Williams
		Telephone	<u>704-382-5346</u>
<b>Operating Status</b>			
1. Unit Name: Oc	conee 1		
2. Reporting Period: Se	ptember 1, 2002 - September 30, 2002		
3. Licensed Thermal Power	(MWt):	2568	Notes: Year-to-date
4. Nameplate Rating (Gross	MWe):	934	and cumulative
5. Design Electrical Rating	(Net Mwe):	886	capacity factors are
6. Maximum Dependable C	apacity (Gross MWe):	886	weighted average for
7. Maximum Dependable C	apacity(Net MWe):	846	maximum dependable
8. If Changes Occured in C	apacity Ratings (Items Number 3-7) Since Last Rep	oort, Give Reasons:	capacity.
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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	256056.0
12. Number of Hours Reactor was Critical	720.0	5640.6	201354.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	5580.0	197851.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848960	14217269	489536209
17. Gross Electrical Energy Generated (MWH)	634691	4937305	169274077
18. Net Electrical Energy Generated (MWH)	606035	4716118	160982707
19. Unit Service Factor	100.0	85.2	77.3
20. Unit Availability Factor	100.0	85.2	77.3
21. Unit Capacity Factor (Using MDC Net)	99.5	85.1	73.6
22. Unit Capacity Factor (Using DER Net)	95.0	81.3	71.0
23. Unit Forced Outage Rate	0.0	1.5	9.4

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)

	Forcast	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. <u>50-269</u> UNIT NAME: Oconee 1 DATE: October 15, 2002 COMPLETED BY: Roger Williams TELEPHONE: 704-382-5346

### **REPORT MONTH: September, 2002**

No.	Date:	Туре	Duration	(1) Reason	(2) Method of	Licensed	Cause and Corrective Action to Prevent Recurrence
		F - Forced	Hours		Shutdown R/X	Event Report	
		S - Scheduled				No.	
			No	Outages	for the Month		
1							
					4		
Summa	ry:	- <b>I</b>	I	<u> </u>	Lt		
(1) Reas	500						(2) Method

A - Equipment failure (Explain)

- F Administrative B - Maintenance or Test
- C Refueling
- D Regulatory restriction
- G Operator Error (Explain)

E - Operator Training/License Examination

H - Other (Explain)

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

#### MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee Unit 1</u>
- 2. Scheduled next refueling shutdown: <u>September 2003</u>
- 3. Scheduled restart following refueling: <u>November 2003</u>

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: <u>866\*</u>

DATE: October 15, 2002

- (c) in the ISFSI: <u>1728\*\*\*\*</u>
- 8. Present licensed fuel pool capacity: <u>1312</u> Size of requested or planned increase: <u>\*\*</u>
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005\*\*\*

DUKE POWER COMPANY

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 site specific license for ISFSI which will store 2112 assemblies (88 modules). Forty (40) site specific modules were constructed and loaded.
- In 1999 Oconee transitioned to its general license. Forty-four (44) general license modules were installed and 30 modules have now been loaded.
  Additional modules will be installed on an as-needed basis.
- \*\*\*\* Represents the combined total for Units 1, 2, and 3

# **Operating Data Report**

	Docket N Date Complete Telephor	lo. <u>1</u> ed By <u>1</u> ne <u>1</u>	50-270 October 15,2002 Roger Williams 704-382-5346
Operating Status			
1 Unit Name: Oconee 2			
2 Reporting Period: September 1, 2002 - September 30, 200	2	_	
3 Licensed Thermal Power (MWt):	2568	Ì	Notes: Year-to-date
4 Namenlate Rating (Gross MWe):	934		and cumulative
5 Design Electrical Rating (Net Mwe):	886		capacity factors are
6 Maximum Dependable Capacity (Gross MWe):	886		calculated using a weighted average for
7 Maximum Dependable Capacity (Verture MWe):	846		maximum dependable
8 If Changes Occured in Canacity Ratings (Items Number 3-7) Sin	ce Last Report, Give Reasons:		capacity.
10. Reason for Restrictions, If any:			<u></u>
	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6551.0	245976.0
12. Number of Hours Reactor was Critical	720.0	6551.0	199866.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6551.0	197313.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1845879	31037258	501781672
17. Gross Electrical Energy Generated (MWH)	633551	5856452	167601577
18. Net Electrical Energy Generated (MWH)	605676	5611291	159726495
19. Unit Service Factor	100.0	100.0	80.2
20. Unit Availability Factor	100.0	100.0	80.2
21. Unit Capacity Factor (Using MDC Net)	99.4	101.2	76.1
22. Unit Capacity Factor (Using DER Net)	. 94.9	96.7	73.3

23. Unit Forced Outage Rate

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

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26. Units in Test Status (Prior to Commercial Operation)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		<u> </u>

NRC Calculated from Generator Nameplate Data: 1 037 937 KVA x 0.90 Pf=934 MW 0.0

0.0

8.7

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### UNIT SHUTDOWNS

### DOCKET NO. <u>50-270</u> UNIT NAME: <u>Oconee 2</u> DATE: <u>October 15, 2002</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

### **REPORT MONTH:** September, 2002

No.	Date:	Туре	Duration	(1) Reason	(2) Method of	Licensed	Cause and Corrective Action to Prevent Recurrence
		F - Forced	Hours		Shutdown R/X	Event Report	
		S - Scheduled				No.	
			No	Outages	for the Month		
Summar	-y:	L	l	<u> </u>		I	
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### (1) Reason

- A Equipment failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory restriction
- E Operator Training/License Examination F - Administrative
- 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: <u>Oconee Unit 2</u>
- 2. Scheduled next refueling shutdown: <u>October, 2002</u>
- 3. Scheduled restart following refueling: <u>November, 2002</u>

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: <u>866\*</u>
- (c) in the ISFSI: See unit 1 \*\*\*\*
- Present licensed fuel pool capacity: <u>1312</u>
  Size of requested or planned increase: <u>\*\*</u>
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005\*\*\*

DUKE POWER COMPANY

Name of Contact:

R. A. Williams

DATE: <u>October 15, 2002</u> Phone: (704) - <u>382-5346</u> \$

\* Represents the combined total for Units 1 and 2

- \*\* See footnote on Unit 1
- In 1999 Oconee transitioned to its general license. Forty-four (44) general license modules were installed and 30 modules have now been loaded.
  Additional modules will be installed on an as-needed basis.
- \*\*\*\* See footnote on Unit 1

# **Operating Data Report**

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		Docket No. Date Completed By Telephone	<u>50-287</u> October 15,2002 Roger Williams 704-382-5346
<b>Operating Status</b>			
1. Unit Name:	Oconee 3		
2. Reporting Period:	September 1, 2002 - September 30, 2002		
3. Licensed Thermal Po	ower (MWt):	2568	Notes: Year-to-date
4. Nameplate Rating (G	ross MWe):	934	and cumulative
5. Design Electrical Rat	ting (Net Mwe):	886	capacity factors are
6. Maximum Dependab	le Capacity (Gross MWe):	886	weighted average for
7. Maximum Dependab	le Capacity(Net MWe):	846	maximum dependable
8. If Changes Occured i	in Capacity Ratings (Items Number 3-7) Since Last I	Report, Give Reasons:	capacity.
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9. Power Level To Whi	ch Restricted, If Any (Net MWe):	<u> </u>	

10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6551.0	243623.0
12. Number of Hours Reactor was Critical	720.0	6551.0	192908.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0 0
14. Hours Generator On-Line	720.0	6551.0	190269.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848960	47843689	506853580
17. Gross Electrical Energy Generated (MWH)	638315	5875966	164629877
18. Net Electrical Energy Generated (MWH)	610057	5630356	157064480
19. Unit Service Factor	100.0	100.0	78.1
20. Unit Availability Factor	100.0	100.0	78.1
21. Unit Capacity Factor (Using MDC Net)	100.2	101.6	75.5
22. Unit Capacity Factor (Using DER Net)	95.6	97.0	72 8
23. Unit Forced Outage Rate	0.0	0.0	9.1

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)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		<u></u>

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

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### UNIT SHUTDOWNS

### DOCKET NO. <u>50-287</u> UNIT NAME: Oconee 3 DATE: October 15, 2002 COMPLETED BY: Roger Williams TELEPHONE: 704-382-5346

#### **REPORT MONTH: September, 2002**

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		
i							
Summar							
						1	

### (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 3
- 2. Scheduled next refueling shutdown: <u>April 2003</u>
- 3. Scheduled restart following refueling: May 2003

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: <u>488</u>
- (c) in the ISFSI: <u>See Unit 1 \*\*\*\*</u>
- Present licensed fuel pool capacity: <u>825</u>
  Size of requested or planned increase: <u>\*\*</u>
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005\*\*\*

DUKE POWER COMPA	DATE:	October 15, 2002	
Name of Contact:	R. A. Williams	Phone:	(704) - 382-5346

- \*\* See footnote of Unit 1
- In 1999 Oconee transitioned to its general license. Forty-four (44) general license modules were installed and 30 modules have now been loaded.
  Additional modules will be installed on an as-needed basis.
- \*\*\*\* See footnote on Unit 1

### OCONEE NUCLEAR STATION

### MONTHLY OPERATING STATUS REPORT

### AUGUST 2002

#### 1. Personnel Exposure -

The total station liquid release for AUGUST has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for AUGUST has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.