



Duke Energy Corporation
526 South Church Street
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May 15, 2003

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-April, 2003

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of April, 2003.

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

Sincerely,

Terry Dimmery by David Pith

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

JE24

Document Control Desk
U.S. NRC - Oconee

bxc:

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

Operating Data Report

Docket No.	<u>50-269</u>
Date	<u>May 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 2003 - April 30, 2003
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	261144.0
12. Number of Hours Reactor was Critical	719.0	2879.0	206442.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	202939.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1845879	7324964	502527618
17. Gross Electrical Energy Generated (MWH)	649601	2575694	173827001
18. Net Electrical Energy Generated (MWH)	622726	2470208	165344254
19. Unit Service Factor	100.0	100.0	77.7
20. Unit Availability Factor	100.0	100.0	77.7
21. Unit Capacity Factor (Using MDC Net)	102.4	101.4	74.2
22. Unit Capacity Factor (Using DER Net)	97.8	96.8	71.5
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)

	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. 50-269UNIT NAME: Oconee 1DATE: May 15, 2003COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 2003

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: September 2003
3. Scheduled restart following refueling: November 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: 926*
(c) in the ISFSI: 1800****
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 capacity: January 2005***

DUKE POWER COMPANY

DATE: May 15, 2003

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 No.	50-270
Date	May 15, 2003
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 2003 - April 30, 2003
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	251064.0
12. Number of Hours Reactor was Critical	719.0	2879.0	203964.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	201385.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1843413	14711559	505265114
17. Gross Electrical Energy Generated (MWH)	650122	2607162	171260146
18. Net Electrical Energy Generated (MWH)	623475	2503598	163229916
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)	102.5	102.8	76.2
22. Unit Capacity Factor (Using DER Net)	97.9	98.1	73.4
23. Unit Forced Outage Rate	0.0	0.0	8.5
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 15, 2003COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 2003

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: March, 2004
3. Scheduled restart following refueling: June, 2004

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: 926*
 (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 capacity: January 2005***

DUKE POWER COMPANY

DATE: May 15, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* 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

Docket No.	50-287
Date	May 15, 2003
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 2003 - April 30, 2003
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	248711.0
12. Number of Hours Reactor was Critical	603.0	2763.0	197815.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	601.0	2761.0	195167.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1313994	21563188	502822848
17. Gross Electrical Energy Generated (MWH)	461676	2414136	168963411
18. Net Electrical Energy Generated (MWH)	439085	2313888	161213533
19. Unit Service Factor	83.6	95.9	78.5
20. Unit Availability Factor	83.6	95.9	78.5
21. Unit Capacity Factor (Using MDC Net)	72.2	95.0	76.0
22. Unit Capacity Factor (Using DER Net)	68.9	90.7	73.2
23. Unit Forced Outage Rate	0.0	0.0	8.9
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 15, 2003COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 2003

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
1	04/26/03	S	118.03	C	1		END-OF-CYCLE 20 REFUELING OUTAGE

Summary:

Oconee unit 3 began the month of April operating at approximately 97.72% power coasting down to end-of-cycle 20 refueling outage. On 04/25/03 at 2303 the unit ended the coastdown and began decreasing power to end-of-cycle 20 refueling outage. The unit held at 15% power from 04/26/03 at 0141 to 0158 when the unit was taken off-line on 04/26/03 at 0158 to begin end-of-cycle 20 refueling outage. The unit remained in the end-of-cycle 20 refueling outage 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

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: Currently Refueling
3. Scheduled restart following refueling: June 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: 416
 (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 capacity: January 2005***

DUKE POWER COMPANY

DATE: May 15, 2003

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

APRIL 2003

1. Personnel Exposure -

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