Duke Energy

Duke Energy Corporation
526 South Church Street
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June 16, 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-May, 2003

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of May, 2003 and Revision 1 of the Personnel Exposure page for the month of April, 2003. **Please be advised the year-to-date and cumulative values for the gross thermal energy generated (MWH) has been in error from June, 1999 to April, 2003 for units 2 and 3. Please advise if these reports submitted in this timeframe should be resubmitted. However this specific data element was omitted for reporting per Generic Letter 97-02 issued May 15, 1997.**

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

Sincerely,

M. S. Tuckman

M. S. Tuckman
Executive Vice President Nuclear Generation
Duke Power

Attachment
XC:

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

Dave LaBarge, Project Manager
USNRC, ONRR

INPO Records Center

IE24

Document Control Desk
U.S. NRC - Oconee

Ms. Margaret Aucoin
Nuclear Assurance Corporation

Dottie Sherman, ANI Library
American Nuclear Insurers

Oconee NRC Inspector

bxc:

L. E. Nicholson (ON03RC)
RGC Site Licensing File
ELL (EC05O)

Operating Data Report

Docket No.	50-269
Date	June 16,2003
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: May 1, 2003 - May 31, 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	744.0	3623.0	261888.0
12. Number of Hours Reactor was Critical	744.0	3623.0	207186.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	3623.0	203683.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1884707	9209671	504412325
17. Gross Electrical Energy Generated (MWH)	661958	3237652	174488959
18. Net Electrical Energy Generated (MWH)	633666	3103874	165977920
19. Unit Service Factor	100.0	100.0	77.8
20. Unit Availability Factor	100.0	100.0	77.8
21. Unit Capacity Factor (Using MDC Net)	100.7	101.3	74.2
22. Unit Capacity Factor (Using DER Net)	96.1	96.7	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)

	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. 50-269
UNIT NAME: Oconee 1
DATE: June 16, 2003
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: May, 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
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: September 2003

3. Scheduled restart following refueling: December 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: June 16, 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	June 16,2003
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: May 1, 2003 - May 31, 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	744.0	3623.0	251808.0
12. Number of Hours Reactor was Critical	744.0	3623.0	204708.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	3623.0	202129.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1910592	9297187	499850742
17. Gross Electrical Energy Generated (MWH)	674201	3281363	171934347
18. Net Electrical Energy Generated (MWH)	646336	3149934	163876252
19. Unit Service Factor	100.0	100.0	80.3
20. Unit Availability Factor	100.0	100.0	80.3
21. Unit Capacity Factor (Using MDC Net)	102.7	102.8	76.3
22. Unit Capacity Factor (Using DER Net)	98.1	98.1	73.5
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)

	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. 50-270
UNIT NAME: Oconee 2
DATE: June 16, 2003
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: May, 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
2 - Manual Trip/Scram
3 - Automatic Trip/Scram
4 - Continuation
5 - Other (Explain)

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: June 16, 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	June 16,2003
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: May 1, 2003 - May 31, 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	744.0	3623.0	249455.0
12. Number of Hours Reactor was Critical	0.0	2763.0	197815.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	2761.0	195167.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	6851629	488111289
17. Gross Electrical Energy Generated (MWH)	0	2414136	168963411
18. Net Electrical Energy Generated (MWH)	0	2310915	161210560
19. Unit Service Factor	0.0	76.2	78.2
20. Unit Availability Factor	0.0	76.2	78.2
21. Unit Capacity Factor (Using MDC Net)	0.0	75.4	75.7
22. Unit Capacity Factor (Using DER Net)	0.0	72.0	72.9
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)

	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. 50-287
UNIT NAME: Oconee 3
DATE: June 16, 2003
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: May, 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	05/01/03	S	744.00	C	4		END-OF-CYCLE 20 REFUELING OUTAGE

Summary:
The unit began the month of May in end-of-cycle 20 refueling outage. The unit remained in the 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
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: 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: 476
   (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: June 16, 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.

Revision 1

OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MARCH 2003

1. Personnel Exposure -

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