



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

June 16, 2003

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

Subject: Duke Energy Corporation
McGuire Nuclear Station, Units 1 and 2
Docket Numbers 50-369 and 50-370
Monthly Performance and Operation Status-May, 2003

Please find attached information concerning the performance and operation status of the McGuire Nuclear Station for the month of May, 2003 and Revision 1 of the Personnel Exposure page, and the unit 1 Monthly Refueling Information Request 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 1 and 2. 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

Bob Martin, Senior Project Manager
USNRC, ONRR

FE24

Document Control Desk
U.S. NRC - McGuire

INPO Records Center

Ms. Margaret Aucoin
Nuclear Assurance Corporation

Dottie Sherman, ANI Library
American Nuclear Insurers

Scott Schaeffer, Senior Resident Inspector

bxc:

C. J. Thomas (MG01RC)
RGC Site Licensing File
ELL (EC050)

Operating Data Report

Docket No.	<u>50-369</u>
Date	<u>June 16, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: **McGuire 1**
2. Reporting Period: **May 1, 2003 - May 31, 2003**
3. Licensed Thermal Power (MWt): **3411**
4. Nameplate Rating (Gross MWe): **1305 ***
5. Design Electrical Rating (Net Mwe): **1180**
6. Maximum Dependable Capacity (Gross MWe): **1144**
7. Maximum Dependable Capacity (Net MWe): **1100**
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: *Nameplate Rating (GrossMWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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	188447.0
12. Number of Hours Reactor was Critical	744.0	3623.0	146648.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	3623.0	145347.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2520829	12243607	469148862
17. Gross Electrical Energy Generated (MWH)	876559	4292586	161795244
18. Net Electrical Energy Generated (MWH)	845098	4145364	155061207
19. Unit Service Factor	100.0	100.0	77.1
20. Unit Availability Factor	100.0	100.0	77.1
21. Unit Capacity Factor (Using MDC Net)	103.3	104.0	72.6
22. Unit Capacity Factor (Using DER Net)	96.3	97.0	69.7
23. Unit Forced Outage Rate	0.0	0.0	9.2
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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-369
UNIT NAME: McGuire 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)

Operating Data Report

Docket No.	<u>50-370</u>
Date	<u>June 16, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

- | | |
|---|----------------------------|
| 1. Unit Name: | McGuire 2 |
| 2. Reporting Period: | May 1, 2003 - May 31, 2003 |
| 3. Licensed Thermal Power (MWt): | 3411 |
| 4. Nameplate Rating (Gross MWe): | 1305 * |
| 5. Design Electrical Rating (Net Mwe): | 1180 |
| 6. Maximum Dependable Capacity (Gross MWe): | 1144 |
| 7. Maximum Dependable Capacity(Net MWe): | 1100 |
| 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons: | |

Notes: *Nameplate Rating (GrossMWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

-
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	168743.0
12. Number of Hours Reactor was Critical	744.0	3623.0	139409.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	3623.0	138156.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2471433	12175249	456363609
17. Gross Electrical Energy Generated (MWH)	860798	4263883	158819988
18. Net Electrical Energy Generated (MWH)	829515	4114708	152497502
19. Unit Service Factor	100.0	100.0	81.9
20. Unit Availability Factor	100.0	100.0	81.9
21. Unit Capacity Factor (Using MDC Net)	101.4	103.2	80.1
22. Unit Capacity Factor (Using DER Net)	94.5	96.2	76.6
23. Unit Forced Outage Rate	0.0	0.0	5.4
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)

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-370

UNIT NAME: McGuire 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: McGuire Unit 2
2. Scheduled next refueling shutdown: September 2003
3. Scheduled restart following refueling: October 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: 193
 (b) in the spent fuel pool: 1061
 (c) in the ISFSI: 320
8. Present licensed fuel pool capacity: 1463
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present license capacity:
June 2003

DUKE POWER COMPANY

DATE: June 16, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

McGUIRE 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

McGUIRE 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.

REVISION 1

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: March 2004
3. Scheduled restart following refueling: April 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: 193
(b) in the spent fuel pool: 1031
8. Present licensed fuel pool capacity: 1463
Size of requested or planned increase: ==
9. Projected date of last refueling which can be accommodated by present license capacity:
November 2005

DUKE POWER COMPANY

DATE: May 15, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346