



Duke Power Company
A Duke Energy Company

Energy Center
P.O. Box 1006
Charlotte, NC 28201-1006

December 13, 2000


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-November, 2000

Please find attached information concerning the performance and operation status of the McGuire Nuclear Station for the month of November, 2000.

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

Sincerely,



Terry Dimmery, Manager
Nuclear Business Support

Attachment
XC:

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

Frank Rinaldi, Project Manager
USNRC, ONRR

INPO Records Center

Ms. Margaret Aucoin
Nuclear Assurance Corporation

Dottie Sherman, ANI Library
American Nuclear Insurers

Scott Schaeffer, Senior Resident Inspector

IE24

Document Control Desk
U.S. NRC - McGuire

bxc:

M. T. Cash (MG01RC)
RGC Site Licensing File
ELL (EC050)

Operating Data Report

Docket No. 50-369
 Date December 13, 2000
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: November 1, 2000 - November 30, 2000
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 (Gross MWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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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	8040.0	166560.0
12. Number of Hours Reactor was Critical	720.0	8012.2	126430.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	7997.7	125227.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2453535	84587376	458516360
17. Gross Electrical Energy Generated (MWH)	860480	9469148	138143405
18. Net Electrical Energy Generated (MWH)	830098	9131579	132266630
19. Unit Service Factor	100.0	99.5	75.2
20. Unit Availability Factor	100.0	99.5	75.2
21. Unit Capacity Factor (Using MDC Net)	104.8	103.3	69.8
22. Unit Capacity Factor (Using DER Net)	97.7	96.3	67.3
23. Unit Forced Outage Rate	0.0	0.5	10.4
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	_____	_____

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: March 2001
3. Scheduled restart following refueling: April 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: 193
(b) in the spent fuel pool: 951
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: December 13, 2000

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

UNIT SHUTDOWNS

DOCKET NO. 50-369UNIT NAME: McGuire 1DATE: December 13, 2000COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: November, 2000

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

Operating Data Report

Docket No. 50-370
 Date December 13, 2000
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 2
2. Reporting Period: November 1, 2000 - November 30, 2000
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 (Gross MWe) 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: _____
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	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	8040.0	146856.0
12. Number of Hours Reactor was Critical	686.9	7040.9	118372.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	683.9	7014.7	117149.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2300179	107305039	469874766
17. Gross Electrical Energy Generated (MWH)	804491	7896607	134153057
18. Net Electrical Energy Generated (MWH)	773653	7591757	128730622
19. Unit Service Factor	95.0	87.2	79.8
20. Unit Availability Factor	95.0	87.2	79.8
21. Unit Capacity Factor (Using MDC Net)	97.7	85.8	77.4
22. Unit Capacity Factor (Using DER Net)	91.1	80.0	74.3
23. Unit Forced Outage Rate	5.0	0.5	6.1
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	_____	_____

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2
2. Scheduled next refueling shutdown: February 2002
3. Scheduled restart following refueling: March 2002

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: 1201
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: December 13, 2000

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

UNIT SHUTDOWNS

DOCKET NO. 50-370UNIT NAME: McGuire 2DATE: December 13, 2000COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: November, 2000

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
3	11/15/00	F	36.15	A	1		AUTOMATIC REACTOR/TURBINE RUNBACK OCCURRED DUE TO A FAILURE OF 2KXB ELECTRICAL BREAKER 37

Summary:

McGuire unit 2 began the month of November operating at 100% full power. The unit operated at or near 100% full power until 11/15/00 at 1407, when the unit experienced an automatic reactor/turbine runback initiated on over temperature delta T and over power delta T runback logic due to a failure of 2KXB electrical breaker 37. The unit was taken off-line 11/15/00 at 1422 (Reactor Manually Tripped). The unit was placed on-line 11/17/00 at 0231. During power escalation the unit held at 90% power on 11/17/00 from 1830 to 2037 due to nuclear instrumentation calibration. The unit returned to 100% full power on 11/18/00 at 0110 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

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

OCTOBER 2000

1. Personnel Exposure -

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