



Duke Power Company
A Duke Energy Company
Energy Center
P.O. Box 1006
Charlotte, NC 28201-1006

February 15, 2001

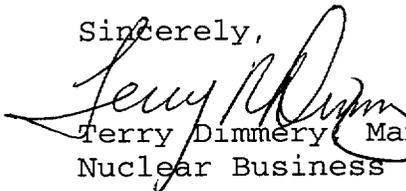
U.S Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Subject: Duke Energy Corporation
McGuire Nuclear Station, Units 1 and 2
Docket Numbers 50-369 and 50-370
Monthly Performance and Operation Status-January, 2001

Please find attached information concerning the performance and operation status of the McGuire Nuclear Station for the month of January, 2001.

Any questions or comments December 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

IE04

Document Control Desk
U.S. NRC - McGuire

bxc:

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

Operating Data Report

Docket No.	<u>50-369</u>
Date	<u>February 15, 2001</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: January 1, 2001 - January 31, 2001
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	744.0	168048.0
12. Number of Hours Reactor was Critical	621.0	621.0	127795.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	610.3	610.3	126581.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2035306	6705162	410368638
17. Gross Electrical Energy Generated (MWH)	714711	714711	139751577
18. Net Electrical Energy Generated (MWH)	687039	687039	133817108
19. Unit Service Factor	82.0	82.0	75.3
20. Unit Availability Factor	82.0	82.0	75.3
21. Unit Capacity Factor (Using MDC Net)	83.9	83.9	70.0
22. Unit Capacity Factor (Using DER Net)	78.3	78.3	67.5
23. Unit Forced Outage Rate	18.0	18.0	10.3
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: February 14, 2001

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: January, 2001

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	01/23/01	F	133.67	A	1		PRESSURIZER CODE SAFETY VALVE LEAK

Summary:

McGuire unit 1 began the month of January operating at or near 100% full power. The unit began decreasing power 01/22/01 at 2117 and was taken off line 01/23/01 at 0525 due to pressurizer code safety valve leak. The unit was placed on-line 01/28/01 at 1905. During power escalation, the unit held at 60% power on 01/29/01 from 0442 to 1016 and at 78% power from 1533 to 1559 due to nuclear instrumentation calibration. The unit returned to 100% full power on 01/30/01 at 0220 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
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

Operating Data Report

Docket No.	<u>50-370</u>
Date	<u>February 15, 2001</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: McGuire 2
2. Reporting Period: January 1, 2001 - January 31, 2001
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	744.0	148344.0
12. Number of Hours Reactor was Critical	744.0	744.0	119860.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	118637.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2519354	9224516	397046927
17. Gross Electrical Energy Generated (MWH)	886156	886156	135930671
18. Net Electrical Energy Generated (MWH)	855166	855166	130446402
19. Unit Service Factor	100.0	100.0	80.0
20. Unit Availability Factor	100.0	100.0	80.0
21. Unit Capacity Factor (Using MDC Net)	104.5	104.5	77.7
22. Unit Capacity Factor (Using DER Net)	97.4	97.4	74.5
23. Unit Forced Outage Rate	0.0	0.0	6.0
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: February 14, 2001

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: January, 2001

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)

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

DECEMBER 2000

1. Personnel Exposure -

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