



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

November 15, 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-October, 2000

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

Any questions or comments October 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

JE24

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 November 15, 2000
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: October 1, 2000 - October 31, 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 (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	745.0	7320.0	165840.0
12. Number of Hours Reactor was Critical	745.0	7292.2	125710.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	7277.7	124507.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2535474	77076319	451005303
17. Gross Electrical Energy Generated (MWH)	882322	8608668	137282925
18. Net Electrical Energy Generated (MWH)	850117	8301481	131436532
19. Unit Service Factor	100.0	99.4	75.1
20. Unit Availability Factor	100.0	99.4	75.1
21. Unit Capacity Factor (Using MDC Net)	103.7	103.1	69.7
22. Unit Capacity Factor (Using DER Net)	96.7	96.1	67.2
23. Unit Forced Outage Rate	0.0	0.6	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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-369
UNIT NAME: McGuire 1
DATE: November 15, 2000
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

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

Operating Data Report

Docket No.	50-370
Date	November 15, 2000
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

- | | |
|---|------------------------------------|
| 1. Unit Name: | McGuire 2 |
| 2. Reporting Period: | October 1, 2000 - October 31, 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 (GrossMWe) 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	745.0	7320.0	146136.0
12. Number of Hours Reactor was Critical	474.2	6354.0	117685.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	452.9	6330.8	116465.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1427106	97493803	460063530
17. Gross Electrical Energy Generated (MWH)	493023	7092116	133348566
18. Net Electrical Energy Generated (MWH)	468476	6818104	127956969
19. Unit Service Factor	60.8	86.5	79.7
20. Unit Availability Factor	60.8	86.5	79.7
21. Unit Capacity Factor (Using MDC Net)	57.2	84.7	77.3
22. Unit Capacity Factor (Using DER Net)	53.3	78.9	74.2
23. Unit Forced Outage Rate	0.0	0.0	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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-370UNIT NAME: McGuire 2DATE: November 15, 2000COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: October, 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
1	10/01/00	S	291.08	C	4		END-OF-CYCLE 13 REFUELING OUTAGE
2	10/13/00	S	1.03	B	--		TURBINE OVERSPEED TRIP TEST

Summary:

The unit began the month of October, 2000 in end-of-cycle 13 refueling outage. The end-of-cycle 13 refueling outage spanned 41.17 days. The unit was placed on-line 10/13/00 at 0305 and increased power to approximately 15% power and held from 0515 to 0700. The unit began decreasing power at 0700 and the turbine overspeed trip test was performed on 10/13/00 at 0938. The unit was placed on-line 10/13/00 at 1040. During power escalation, the unit held at 29% power from 1633 to 0219 due to power escalation testing. The unit held at 50% power from 10/14/00 at 1300 to 10/14/00 at 1316 due to nuclear instrumentation system thermal power mismatch adjustment. On 10/15/00 from 0158 to 1209 the unit held at 76% power due to power escalation testing. The unit held at 86.5% power from 10/15/00 at 1622 to 10/16/00 at 0321. On 10/16/00 from 0418 to 1545 the unit held at 88.5% power due to power escalation testing. The unit returned to 100% full power on 10/16/00 at 2018 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

SEPTEMBER 2000

1. Personnel Exposure -

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