



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

October 11, 2000

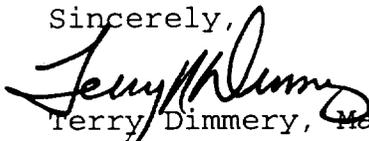
U.S Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Subject: Duke Energy Corporation
McGuire Nuclear Station, Units 1 and 2
Docket Numbers 50-369 and 50-370
Monthly Performance and Operation Status-September, 2000

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

Any questions or comments September 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

IEDY

Document Control Desk
U.S. NRC - McGuire

bxc:

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

UNIT SHUTDOWNS

DOCKET NO. 50-369
UNIT NAME: McGuire 1
DATE: October 11, 2000
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2000

Table with 8 columns: 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. Row 1: No. (blank), Date (blank), Type (blank), Duration Hours: No, (1) Reason: Outages, (2) Method of Shutdown R/X: for the Month, Licensed Event Report No. (blank), Cause and Corrective Action to Prevent Recurrence (blank).

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	October 11, 2000
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

- | | |
|---|--|
| 1. Unit Name: | McGuire 2 |
| 2. Reporting Period: | September 1, 2000 - September 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 (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	720.0	6575.0	145391.0
12. Number of Hours Reactor was Critical	24.8	5879.8	117211.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	23.0	5878.0	116012.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	48930	87792052	450361779
17. Gross Electrical Energy Generated (MWH)	16007	6599093	132855543
18. Net Electrical Energy Generated (MWH)	10637	6349628	127488493
19. Unit Service Factor	3.2	89.4	79.8
20. Unit Availability Factor	3.2	89.4	79.8
21. Unit Capacity Factor (Using MDC Net)	1.3	87.8	77.4
22. Unit Capacity Factor (Using DER Net)	1.3	81.8	74.3
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. 50-370
UNIT NAME: McGuire 2
DATE: October 11, 2000
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 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	09/01/00	S	697.05	C	1		END-OF-CYCLE 13 REFUELING OUTAGE

Summary:

McGuire unit 2 began the month of September holding at approximately 73% full power due to coastdown to end-of-cycle 13 refueling outage. The unit began the coastdown to end-of-cycle 13 refueling outage on 07/21/2000 at 1215. The unit was taken off-line on 09/01/2000 at 2257 to begin end-of-cycle 13 refueling outage. The unit was in the end-of-cycle 13 refueling outage the remainder of the month.

(1) Reason

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- D - Regulatory restriction
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- 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

AUGUST 2000

1. Personnel Exposure -

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