



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

November 10, 1999

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, 1999

Please find attached information concerning the performance and operation status of the McGuire Nuclear Station for the month of October, 1999.

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

Sincerely,

Terry Dimmery, Manager
Nuclear Business Support

Attachment
XC:

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USNRC, Region II

Frank Rinaldi, Project Manager
USNRC, ONRR

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Document Control Desk
U.S. NRC - McGuire

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RGC Site Licensing File
ELL (EC050)

Operating Data Report

Docket No.	50-369
Date	November 10, 1999
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

- | | |
|---|------------------------------------|
| 1. Unit Name: | McGuire 1 |
| 2. Reporting Period: | October 1, 1999 - October 31, 1999 |
| 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	7296.0	157056.0
12. Number of Hours Reactor was Critical	0.0	6237.7	117042.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	6237.7	115883.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	72762678	421100961
17. Gross Electrical Energy Generated (MWH)	0	7384895	127139736
18. Net Electrical Energy Generated (MWH)	0	7114460	121661395
19. Unit Service Factor	0.0	85.5	73.8
20. Unit Availability Factor	0.0	85.5	73.8
21. Unit Capacity Factor (Using MDC Net)	0.0	88.6	68.0
22. Unit Capacity Factor (Using DER Net)	0.0	82.6	65.6
23. Unit Forced Outage Rate	0.0	0.8	11.0
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. 50-369

UNIT NAME: McGuire 1

DATE: November 10, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: October, 1999

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	10/01/99	S	694.62	C	4		END-OF-CYCLE 13 REFUELING OUTAGE
2	10/29/99	F	50.38	A	4		2.10 DAY OUTAGE DELAY DUE TO CONTROL ROD DRIVE MECHANISM SPLIT PIN REPLACEMENT

Summary:

McGuire unit 1 began the month of October in end-of-cycle 13 refueling outage. The unit was in the refueling outage 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)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: November 1999

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: November 10, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

Operating Data Report

Docket No.	50-370
Date	November 10, 1999
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

- | | |
|---|------------------------------------|
| 1. Unit Name: | McGuire 2 |
| 2. Reporting Period: | October 1, 1999 - October 31, 1999 |
| 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: _____
-

	This Month	YTD	Cumulative
11. Hours in Reporting Period	745.0	7296.0	137352.0
12. Number of Hours Reactor was Critical	745.0	6494.2	109867.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	6464.1	108670.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2537319	94343166	431202224
17. Gross Electrical Energy Generated (MWH)	883049	7497067	124813136
18. Net Electrical Energy Generated (MWH)	850156	7213297	119755440
19. Unit Service Factor	100.0	88.6	79.1
20. Unit Availability Factor	100.0	88.6	79.1
21. Unit Capacity Factor (Using MDC Net)	103.7	89.9	76.9
22. Unit Capacity Factor (Using DER Net)	96.7	83.8	73.9
23. Unit Forced Outage Rate	0.0	0.5	6.5
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: November 10, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: October, 1999

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) | E - Operator Training/License Examination |
| B - Maintenance or Test | F - Administrative |
| C - Refueling | G - Operator Error (Explain) |
| D - Regulatory restriction | 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: August 2000
- 3. Scheduled restart following refueling: October 2000

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: 1117
- 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: November 10, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

SEPTEMBER 1999

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.