

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 03-15-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: February 1, 1984-February 29, 1984
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): _____
7. Maximum Dependable Capacity (Net MWe): 1180
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes *NOTE: Nameplate Rating (Gross MWe) calculated as 1450.00⁰ MVA x .90 power factor per Page iii, NUREG-0020.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>696.0</u>	<u>1 440.0</u>	<u>19 704.0</u>
12. Number Of Hours Reactor Was Critical	<u>566.5</u>	<u>1 295.0</u>	<u>13 368.1</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>566.2</u>	<u>1 289.4</u>	<u>13 238.5</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 889 758</u>	<u>4 112 690</u>	<u>31 549 750</u>
17. Gross Electrical Energy Generated (MWH)	<u>641 299</u>	<u>1 442 257</u>	<u>10 959 422</u>
18. Net Electrical Energy Generated (MWH)	<u>615 331</u>	<u>1 386 041</u>	<u>10 372 296</u>
19. Unit Service Factor	<u>81.4</u>	<u>89.5</u>	<u>67.2</u>
20. Unit Availability Factor	<u>81.4</u>	<u>89.5</u>	<u>67.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>74.9</u>	<u>81.6</u>	<u>44.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>74.9</u>	<u>81.6</u>	<u>44.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.6</u>	<u>19.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Currently Refueling

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

April 24, 1984

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

8403200123 840229
 PDR ADDCK 05000369
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire Unit 1
 DATE 03-15-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

MONTH February 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>730</u>
2	<u>1059</u>
3	<u>1069</u>
4	<u>1070</u>
5	<u>1082</u>
6	<u>1103</u>
7	<u>1122</u>
8	<u>1122</u>
9	<u>1127</u>
10	<u>1122</u>
11	<u>1125</u>
12	<u>1126</u>
13	<u>1127</u>
14	<u>1123</u>
15	<u>1123</u>
16	<u>1123</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1121</u>
18	<u>1118</u>
19	<u>1118</u>
20	<u>1118</u>
21	<u>1119</u>
22	<u>1122</u>
23	<u>1126</u>
24	<u>542</u>
25	<u>-</u>
26	<u>-</u>
27	<u>-</u>
28	<u>-</u>
29	<u>-</u>
30	<u>-</u>
31	<u>-</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 3/15/84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
4-p	84-02-01	F	--	D	--		ZZ	ZZZZZZ	AXIAL FLUX DIFF PENALTY TIME
5-p	84-02-01	F	--	A	--		CC	VALEX	# 4 GOVERNOR VALVE ISOLATED
3	84-02-24	S	129.77	C	1		RC	FUELXX	END OF CYCLE 1 REFUELING OUTAGE

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

DOCKET NO: 50-369

UNIT: McGuire 1

DATE: 3/15/84

NARRATIVE SUMMARY

Month: February, 1984

McGuire Unit 1 operated at approximately 94% power for this period until February 24, when the unit began a scheduled 60 day refueling and turbine inspection outage. Outage is progressing on schedule.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: April 24, 1984
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification changes needed to support transition to optimized fuel.
5. If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? No.
5. Scheduled date(s) for submitting proposed licensing action and supporting information: November, 1983
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). Optimized fuel to be used.
Improved thermal design procedure used in safety analysis.
7. Number of fuel assemblies (a) in the core: 193.
(b) in the spent fuel pool: 31.
8. Present licensed fuel pool capacity: 500
Size of requested or planned increase: 1439
9. Projected date of last refueling which can be accommodated by present licensed capacity: _____

DUKE POWER COMPANY

Date: March 15, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

370
DOCKET NO. 50-270
DATE 03-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 2
2. Reporting Period: February 1, 1984 - February 29, 1984
3. Licensed Thermal Power (MWt): 170
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1180
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): 1180
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes: Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .90 power factor per page iii, NUREG-0020.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

This Month Yr. to-Date Cumulative

11. Hours In Reporting Period
12. Number Of Hours Reactor Was Critical
13. Reactor Reserve Shutdown Hours
14. Hours Generator On-Line
15. Unit Reserve Shutdown Hours
16. Gross Thermal Energy Generated (MWH)
17. Gross Electrical Energy Generated (MWH)
18. Net Electrical Energy Generated (MWH)
19. Unit Service Factor
20. Unit Availability Factor
21. Unit Capacity Factor (Using MDC Net)
22. Unit Capacity Factor (Using DER Net)
23. Unit Forced Outage Rate
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): _____

NOT IN COMMERCIAL OPERATION

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

McGUIRE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

For the month of January, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release contribution to whole body dose for January has been compared with the Technical Specifications annual value of 3 mrem; the total release for January was less than 10 percent of this limit.

The total station gaseous release contribution to any organ dose for January has been compared with the Technical Specifications annual value of 15 mrem; the total release for January was less than 10 percent of this limit.

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

March 15, 1984

✓ Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

Re: McGuire Nuclear Station
Docket No. 50-269, -270

361 370

Dear Sir:

Please find attached information concerning the performance and operating status of the McGuire Nuclear Station for the month of February 1984.

Very truly yours,

H. B. Tucker
Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

INPO Records Center
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1100 Circle 75 Parkway
Atlanta, Georgia 30339

Mr. Ralph Birkel
Office of Nuclear Reactor
Regulation
U. S. Nuclear Regulatory Comm.
Washington, D. C. 20666

Senior Resident Inspector
McGuire Nuclear Station

IE-24
1/1