

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 06-15-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: May 1 - May 31, 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:
None

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): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>3 647.0</u>	<u>21 911.0</u>
12. Number Of Hours Reactor Was Critical	<u>680.0</u>	<u>1 975.4</u>	<u>14 048.4</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>631.0</u>	<u>1 920.4</u>	<u>13 869.5</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 994 665</u>	<u>6 107 355</u>	<u>33 544 424</u>
17. Gross Electrical Energy Generated (MWH)	<u>707 163</u>	<u>2 149 738</u>	<u>11 666 903</u>
18. Net Electrical Energy Generated (MWH)	<u>676 878</u>	<u>2 047 652</u>	<u>11 003 907</u>
19. Unit Service Factor	<u>84.8</u>	<u>52.7</u>	<u>63.3</u>
20. Unit Availability Factor	<u>84.8</u>	<u>52.7</u>	<u>63.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>77.1</u>	<u>47.6</u>	<u>42.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>77.1</u>	<u>47.6</u>	<u>42.6</u>
23. Unit Forced Outage Rate	<u>1.3</u>	<u>4.7</u>	<u>18.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

25. If Shut Down 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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire 1
 DATE 6-15-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH May, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-	17	1 174
2	-	18	1 174
3	-	19	1 176
4	-	20	1 177
5	12	21	1 175
6	166	22	1 171
7	531	23	1 065
8	896	24	1 165
9	1 111	25	1 166
10	1 164	26	1 165
11	1 174	27	1 163
12	1 175	28	1 161
13	1 176	29	1 163
14	1 176	30	1 160
15	1 172	31	1 159
16	1 174		

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

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 6/15/84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH May 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Codes	Cause & Corrective Action to Prevent Recurrence
3A	84-05-01	F	10.25	A	-		SF	ACCUMU	Upper Head Injection Disk Ruptured
3B	84-05-01	S	94.60	C	-		RC	FUELXX	End of Cycle 1 Refueling Outage
4	84-05-05	F	2.68	A	1		HJ	VALVEX	Reset Moisture Separator Reheater Shell Relief Valve
5	84-05-06	F	5.47	A	1		HJ	VALVEX	Repair MSR Relief Valve
6-p	84-05-07	F	--	B	-		RC	FUELXX	Flux Map
7-p	84-05-08	F	--	B	-		RC	FUELXX	Incore & Excore Instrument Calibrations
8-p	84-05-09	F	--	B	-		RC	FUELXX	Flux Map
9-p	84-05-12	F	--	A	-		PA	XXXXXX	Loss of Feedwater Pressure to S/G Due to Low Instrument Air Pressure
10-p	84-05-23	F	--	A	-		CC	INSTRU	Work on S/G Range Level Channel

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 (NURIG-0161)

⁵
 Exhibit I - Same Source

DOCKET NO: 50-369
UNIT: McGuire 1
DATE: June 15, 1984

NARRATIVE SUMMARY

Month: May 1984

The unit returned to service on May 5th, from its end of Cycle 1 Refueling Outage. Problems with the moisture separator reheater relief valve caused a two-day delay in power escalation testing. The unit was operating at 100% at the end of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1 .
2. Scheduled next refueling shutdown: March 1985 .
3. Scheduled restart following refueling: May 1985 .
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 Revision

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A .

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A .
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). N/A

7. Number of fuel assemblies (a) in the core: 193 .
(b) in the spent fuel pool: 91 .
8. Present licensed fuel pool capacity: 500 .
Size of requested or planned increase: 1463 .
9. Projected date of last refueling which can be accommodated by present licensed capacity: November 1990 .

DUKE POWER COMPANY Date: June 15, 1984 .
Name of Contact: J. A. Reavis Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 06-15-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: May 1 - May 31, 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:
None

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): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>2 207.0</u>	<u>2 207.0</u>
12. Number Of Hours Reactor Was Critical	<u>641.9</u>	<u>2 043.3</u>	<u>2 043.3</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>637.0</u>	<u>2 029.7</u>	<u>2 029.7</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>2 131 577</u>	<u>6 740 253</u>	<u>6 740 253</u>
17. Gross Electrical Energy Generated (MWH)	<u>757 383</u>	<u>2 409 181</u>	<u>2 409 181</u>
18. Net Electrical Energy Generated (MWH)	<u>728 697</u>	<u>2 321 390</u>	<u>2 321 390</u>
19. Unit Service Factor	<u>85.6</u>	<u>92.0</u>	<u>92.0</u>
20. Unit Availability Factor	<u>85.6</u>	<u>92.0</u>	<u>92.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>83.0</u>	<u>89.1</u>	<u>89.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>83.0</u>	<u>89.1</u>	<u>89.1</u>
23. Unit Forced Outage Rate	<u>3.1</u>	<u>4.3</u>	<u>4.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

25. If Shut Down 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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370
 UNIT McGuire 2
 DATE 6-15-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH May, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 166</u>	17	<u>1 172</u>
2	<u>1 166</u>	18	<u>1 171</u>
3	<u>1 169</u>	19	<u>1 170</u>
4	<u>1 174</u>	20	<u>1 171</u>
5	<u>1 174</u>	21	<u>1 171</u>
6	<u>1 174</u>	22	<u>1 169</u>
7	<u>1 173</u>	23	<u>1 163</u>
8	<u>1 170</u>	24	<u>1 171</u>
9	<u>1 172</u>	25	<u>673</u>
10	<u>616</u>	26	<u>-</u>
11	<u>491</u>	27	<u>-</u>
12	<u>1 171</u>	28	<u>-</u>
13	<u>1 172</u>	29	<u>605</u>
14	<u>1 172</u>	30	<u>1 160</u>
15	<u>1 173</u>	31	<u>1 148</u>
16	<u>1 164</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

DOCKET NO. 50-370
 UNIT NAME McGuire 2
 DATE 6/15/84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH May 1984

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
16-p	84-05-08	S	--	F	-		ZZ	ZZZZZZ	Dispatcher Reduction
5	84-05-10	F	10.40	A	3		CC	VALVEX	Steam Generator Low-Low Level Caused by Feedwater Swing
6	84-05-11	F	9.97	A	3		CC	VALVEX	Isolate Leaking Feedwater Check Valve
17-p	84-05-11	S	--	F	-		ZZ	ZZZZZZ	Dispatcher Reduction
18-p	84-05-16	F	--	B	-		IA	INSTRU	Testing on Protection System Cabinet
19-p	84-05-22	F	--	A	-		HA	INSTRU	Turbine Control Problems
20-p	84-05-23	S	--	E	-		ZZ	ZZZZZZ	Operator Training Requirements
21-p	84-05-23	F	--	B	-		IA	INSTRU	Testing on Protection System Cabinets
7	84-05-25	S	86.67	B	3		ZZ	ZZZZZZ	Unit Loss of Electrical Load Test & Maintenance Work
22-p	84-05-29	F	--	A	-		RC	INSTRU	Adjust Excore Instrumentation
23-p	84-05-30	F	--	A	-		IB	INSTRU	Investigate Reactor Coolant Pump Loop Average Temperature Problem
24-p	84-05-31	F	--	A	-		HA	INSTRU	Turbine Control Problem

¹ F - Forced
 S - Scheduled

² Reason
 A Equipment Failure (Explain)
 B Maintenance or Test
 C Reloading
 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 (NURIG-0161)

⁵ Exhibit I - Same Source

DOCKET NO: 50-370
UNIT: McGuire 2
DATE: June 15, 1984

NARRATIVE SUMMARY

Month: May 1984

The unit ran much of the month at 100%. An oscillating feedwater regulating valve caused a unit trip on May 10th. The unit successfully performed their Unit Loss of Electrical Load Test on May 25th to satisfy insurance requirements. Minor maintenance activities then continued through the Memorial Day Weekend. The unit completed the month at 100%.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2 .
2. Scheduled next refueling shutdown: February 1985 .
3. Scheduled restart following refueling: April 1985 .
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 Revision

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A .

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A .
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). N/A

- _____
- _____
- _____
- _____
- _____
7. Number of fuel assemblies (a) in the core: 193 .
(b) in the spent fuel pool: 0 .
 8. Present licensed fuel pool capacity: 500 .
Size of requested or planned increase: 1463 .
 9. Projected date of last refueling which can be accommodated by present licensed capacity: May 1993 .

DUKE POWER COMPANY

Date: June 15, 1984 .

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

For the month of April, 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 April has been compared with the Technical Specifications annual value of 3 mrem; the total release for April was less than 10 percent of this limit.

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

DUKE POWER COMPANY

P.O. BOX 33180
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

June 15, 1984

TELEPHONE
(704) 373-4531

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

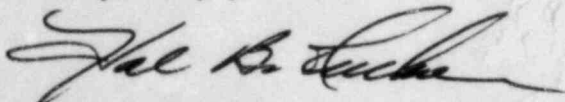
Attention: Document Control Desk

RE: McGuire Nuclear Station
Docket No. 50-369, -370

Dear Sir:

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

Very truly yours,



Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30323

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

INPO Records Center
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Senior Resident Inspector
McGuire Nuclear Station

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