

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE July 15, 1983
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: June 1, 1983 - June 30, 1983
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>720.0</u>	<u>4 343.0</u>	<u>13 847.0</u>
12. Number Of Hours Reactor Was Critical	<u>694.6</u>	<u>1 351.1</u>	<u>8 489.3</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>683.6</u>	<u>1 324.1</u>	<u>8 416.4</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 953 836</u>	<u>2 998 449</u>	<u>16 500 867</u>
17. Gross Electrical Energy Generated (MWH)	<u>685 759</u>	<u>1 038 978</u>	<u>5 665 569</u>
18. Net Electrical Energy Generated (MWH)	<u>657 476</u>	<u>956 043</u>	<u>5 227 366</u>
19. Unit Service Factor	<u>95.0</u>	<u>30.5</u>	<u>60.8</u>
20. Unit Availability Factor	<u>95.0</u>	<u>30.5</u>	<u>60.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>77.4</u>	<u>18.7</u>	<u>32.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>77.4</u>	<u>18.7</u>	<u>32.3</u>
23. Unit Forced Outage Rate	<u>5.1</u>	<u>20.5</u>	<u>22.1</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>None</u>		

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

DOCKET NO. 50-369
UNIT McGuire Unit 1
DATE July 15, 1983
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TELEPHONE 704-373-7567

MONTH June, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>496</u>
2	<u>209</u>
3	<u>801</u>
4	<u>864</u>
5	<u>877</u>
6	<u>866</u>
7	<u>885</u>
8	<u>1 034</u>
9	<u>1 033</u>
10	<u>1 019</u>
11	<u>951</u>
12	<u>749</u>
13	<u>1 032</u>
14	<u>1 032</u>
15	<u>1 031</u>
16	<u>1 022</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1 014</u>
18	<u>1 043</u>
19	<u>1 045</u>
20	<u>1 024</u>
21	<u>1 029</u>
22	<u>780</u>
23	<u>472</u>
24	<u>1 036</u>
25	<u>1 042</u>
26	<u>1 042</u>
27	<u>1 036</u>
28	<u>1 087</u>
29	<u>1 161</u>
30	<u>682</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 June, 1983

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 7-15-83
 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	83-06--01	F	0.32	A	--		CB	Instru	2 of 3 low flow signals in "C" RC loop due to bad test box in RC flow test.
4-P	83-06-01	S	--	B	--		RC	zzzzzz	75% physics testing following replacement of burnable poison rod assemblies.
5	83-06-02	F	14.20	A	3		CH	Valvex	Feedwater pump stop valve shut and tripped unit on lo S/G level.
5-P	83-06-03	S	--	B	--		RC	zzzzzz	Physics testing.
6-P	83-06-07	F	--	A	--		CH	Pumpxx	Change out control module on feedwater pump.
7-P	83-06-07	S	--	D	--		CB	zzzzzz	90% power-tech spec. limit
8-P	83-06-11	F	--	B	--		CH	Pumpxx	Feedwater pump tripped on overspeed test

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1983

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 7-15-83
 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
9-P	83-06-12	S	--	D	--		CB	zzzzzz	90% Tech. Spec. limit.
6	83-06-22	F	12.65	A	3		CH	Valvex	During 50% runback test, both feed-water pumps tripped when power bypass valve failed.
10-P	83-06-23	S	--	D	--		CB	zzzzzz	90% Tech. Spec. Limit
11-P	83-06-27	F	--	A	--		HC	xxxxxx	Condenser vacuum problems.
12-P	83-06-27	S	--	D	--		CB	zzzzzz	90% Tech. Spec. Limit
7	83-06-30	F	9.20	B	3		IA	Instru	RPS functional test procedure/communications error.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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: 7-15-83

NARRATIVE SUMMARY

Month: June, 1983

McGuire Unit 1 was increasing power to come on line following a forced outage due to faulty test equipment when June started. Power increase was limited to allow core physics testing. On June 2nd, a feedwater pump bearing oil pump transient caused the feedwater pump stop valve to shut and triggered a turbine runback signal. The transient and runback both cleared while the stop valve shut resulting in a unit trip. The unit was back on line later that day. Physics testing was completed over the next three days. On June 7 a control module on a feedwater pump was changed out and following this the unit was limited to a 90% power maximum until the NRC approved technical specification changes permitting operation at 100% on June 28. On June 11 a runback occurred when a feedwater pump turbine tripped during an overspeed trip test. June 22 a brief forced outage occurred when during a 50% runback test, both feedwater pumps tripped on low suction when a powder bypass valve failed to respond fast enough. Power was again reduced on June 27th, due to condenser vacuum problems resulting from work on the turbine steam seal regulating valve. Finally, McGuire 1 experienced a trip from 100% power on June 30 during a reactor protective system functional test. The cause was determined to be inadequate communication of procedure requirements. The unit was still increasing load at the end of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: January, 1984
3. Scheduled restart following refueling: March, 1984
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? 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: 29.
8. Present licensed fuel pool capacity: 500.
Size of requested or planned increase: _____.
9. Projected date of last refueling which can be accommodated by present
licensed capacity: _____.

DUKE POWER COMPANY

Date: July 15, 1983

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE July 15, 1983
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 2
2. Reporting Period: June 1, 1983 - June 30, 1983
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):	Forecast	Achieved
INITIAL CRITICALITY	_____	<u>5/8/83</u>
INITIAL ELECTRICITY	_____	<u>5/23/83</u>
COMMERCIAL OPERATION	_____	<u>3/84</u>

McGUIRE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

NRC
1982
CHANGES

McGuire 1

<u>Period</u>	<u>Originally Reported</u>	<u>Restated</u>
February, 1982	Outage No. 7 (12.38 hrs.) Outage No. 8 (13.47 hrs.) Outage No. 9 (5.58 hrs.)	Outage No. 7 (12.25 hrs.) Outage No. 8 (13.20 hrs.) Outage No. 9 (5.98 hrs.)
July, 1982	Outage No. 12 (395.03 hrs.) (82-07-01) Date started	Outage No. 12 (216.00 hrs.) (82-07-01) Date started Outage No. 12A (179.03 hrs.) (82-07-10) Date started