

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 02-15-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: January 1, 1985-January 31, 1985
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>744.0</u>	<u>27 792.0</u>
12. Number Of Hours Reactor Was Critical	<u>707.2</u>	<u>707.2</u>	<u>18 870.8</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>703.2</u>	<u>703.2</u>	<u>18 665.7</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>2 356 943</u>	<u>2 356 943</u>	<u>49 161 243</u>
17. Gross Electrical Energy Generated (MWH)	<u>820 603</u>	<u>820 603</u>	<u>17 049 828</u>
18. Net Electrical Energy Generated (MWH)	<u>790 780</u>	<u>790 780</u>	<u>16 166 035</u>
19. Unit Service Factor	<u>94.5</u>	<u>94.5</u>	<u>67.2</u>
20. Unit Availability Factor	<u>94.5</u>	<u>94.5</u>	<u>67.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.1</u>	<u>90.1</u>	<u>49.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.1</u>	<u>90.1</u>	<u>49.3</u>
23. Unit Forced Outage Rate	<u>5.5</u>	<u>5.5</u>	<u>15.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - April 4, 1985 - 7 Weeks

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
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8502220184 850131
 PDR ADOCK 05000369
 R PDR

IE24 (9/77)
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire 1
 DATE 02-15-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH January, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 078</u>	17	<u>1 150</u>
2	<u>1 152</u>	18	<u>1 150</u>
3	<u>1 150</u>	19	<u>1 151</u>
4	<u>1 150</u>	20	<u>1 151</u>
5	<u>1 151</u>	21	<u>1 151</u>
6	<u>1 151</u>	22	<u>1 150</u>
7	<u>1 151</u>	23	<u>1 149</u>
8	<u>1 150</u>	24	<u>1 131</u>
9	<u>1 149</u>	25	<u>1 151</u>
10	<u>1 151</u>	26	<u>1 144</u>
11	<u>1 152</u>	27	<u>1 144</u>
12	<u>1 153</u>	28	<u>475</u>
13	<u>1 153</u>	29	<u>- - - -</u>
14	<u>1 153</u>	30	<u>403</u>
15	<u>1 146</u>	31	<u>1 142</u>
16	<u>1 151</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. 50-369
 UNIT NAME McGuire 1
 DATE 2/15/85
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-7567

REPORT MONTH January 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1-p	85-01-09	F	--	A	-		IA	RELAYX	Solid State Protection System Relay Blocked for Test. Blown Fuse Kept Signal from Being Unblocked.
2-p	85-01-24	F	--	A	-		HA	INSTRU	Turbine Controls in Manual Following Loss of Control Computer
1	85-01-28	F	40.83	A	4		CH	PUMPXX	Feedwater Pump Suction Transmitter Failed Causing Pump to Trip
3-p	85-01-30	F	--	F	-		ZZ	ZZZZZZ	Secondary Chemistry Restrictions
4-p	85-01-30	F	--	B	-		IB	INSTRU	Excore Calibrations
5-p	85-01-31	F	--	A	-		CH	HTEXCH	Feedwater Heater Level Caused Condensate Swing, Tripping Heater Drain Pump
6-p	85-01-31	F	--	A	-		HC	HTEXCH	Isolated a Main Condenser Waterbox to Check for Tube Leaks

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: 2/15/85

NARRATIVE SUMMARY

Month: January 1985

The unit reduced power when a relay in the Solid State Protection System was blocked for a test and could not be made operable. A blown fuse was discovered and the relay unblocked. A reduction was made on January 24, when the Main Turbine hydraulic controls had to be changed from Automatic to Manual mode due to the loss of the control computer. The unit tripped on January 28, due to a faulty feedwater pump transmitter which indicated low pump suction pressure causing the pump to trip. During the return on January 30, the unit held power at 30% for chemistry and at 95% for Incore Instrument calibration. On January 31, power was reduced to work on a feedwater heater and to isolate and check a Condenser waterbox for tube leaks.

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: 1463 .
Size of requested or planned increase: _____ .
9. Projected date of last refueling which can be accommodated by present licensed capacity: _____ .

DUKE POWER COMPANY

Date: February 15, 1985 .

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 02-15-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: January 1, 1985-January 31, 1985
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>744.0</u>	<u>8 088.0</u>
12. Number Of Hours Reactor Was Critical	<u>595.0</u>	<u>595.0</u>	<u>6 733.1</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>594.9</u>	<u>594.9</u>	<u>6 686.0</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 948 246</u>	<u>1 948 246</u>	<u>21 318 917</u>
17. Gross Electrical Energy Generated (MWH)	<u>699 053</u>	<u>699 053</u>	<u>7 536 776</u>
18. Net Electrical Energy Generated (MWH)	<u>671 521</u>	<u>671 521</u>	<u>7 229 321</u>
19. Unit Service Factor	<u>80.0</u>	<u>80.0</u>	<u>82.7</u>
20. Unit Availability Factor	<u>80.0</u>	<u>80.0</u>	<u>82.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>76.5</u>	<u>76.5</u>	<u>75.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>76.5</u>	<u>76.5</u>	<u>75.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>14.9</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: May 5, 1985

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 02-15-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH January, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 151</u>	17	<u>1 151</u>
2	<u>1 141</u>	18	<u>1 151</u>
3	<u>1 151</u>	19	<u>1 152</u>
4	<u>990</u>	20	<u>1 152</u>
5	<u>1 143</u>	21	<u>1 151</u>
6	<u>1 140</u>	22	<u>1 153</u>
7	<u>1 147</u>	23	<u>1 155</u>
8	<u>1 150</u>	24	<u>1 156</u>
9	<u>1 150</u>	25	<u>659</u>
10	<u>1 149</u>	26	<u>- - - -</u>
11	<u>1 149</u>	27	<u>- - - -</u>
12	<u>1 152</u>	28	<u>- - - -</u>
13	<u>1 152</u>	29	<u>- - - -</u>
14	<u>1 151</u>	30	<u>- - - -</u>
15	<u>1 158</u>	31	<u>- - - -</u>
16	<u>1 152</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 2/15/85
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-7567

REPORT MONTH January 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1-p	85-01-04	F	--	A	-		ED	RELAYX	Loss of Switchyard Circuit Breaker While Spare Out for PM
2-p	85-01-05	F	--	A	-		IB	INSTRU	Bad Power Supply for Excore Nuclear Instrumentation
3-p	85-01-20	F	--	A	-		IE	INSTRU	S/G Level Spike Due to Frozen Flow Transmitter
1	85-01-25	S	149.08	D	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: 50-370

UNIT: McGuire 2

DATE: 2/15/85

NARRATIVE SUMMARY

Month: January 1985

The unit experienced a runback to 50% on January 4, when a circuit breaker failed. The unit reduced power on January 5, to replace a power supply on Nuclear Instrumentation. A reduction occurred on January 20, to thaw frozen Steam Generator instruments. The unit began its shutdown for refueling on January 25.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2 .
2. Scheduled next refueling shutdown: Currently Refueling .
3. Scheduled restart following refueling: _____ .
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: 0 .
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 licensed capacity: _____ .

DUKE POWER COMPANY Date: February 15, 1985 .
Name of Contact: J. A. Reavis Phone: 704-373-7567

McGUIRE NUCLEAR STATION
Monthly Operating Status Report

1. Personnel Exposure:

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

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

DUKE POWER COMPANY

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

February 15, 1985

TELEPHONE
(704) 373-4531

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

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

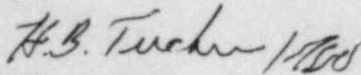
Attention: Document Control Desk

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 January 1985.

Very truly yours,



Hal B. Tucker

JAR:scs
Attachments

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

Mr. Darl Hood, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
The Exchange, Suite 245
270 Farmington Avenue
Farmington, Connecticut 06032

INPO Records Center
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Senior Resident Inspector
McGuire Nuclear Station

IE24
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