

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 04/15/86
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: March 1, 1986-March 31, 1986
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1150
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): 1150
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>2 160.0</u>	<u>37 968.0</u>
12. Number Of Hours Reactor Was Critical	<u>642.6</u>	<u>2 047.0</u>	<u>27 052.9</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>633.1</u>	<u>2 035.6</u>	<u>26 747.1</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>2 089 263</u>	<u>6 583 461</u>	<u>73 950 036</u>
17. Gross Electrical Energy Generated (MWH)	<u>729 796</u>	<u>2 305 395</u>	<u>25 616 628</u>
18. Net Electrical Energy Generated (MWH)	<u>698 647</u>	<u>2 214 122</u>	<u>24 366 136</u>
19. Unit Service Factor	<u>85.1</u>	<u>94.2</u>	<u>70.5</u>
20. Unit Availability Factor	<u>85.1</u>	<u>94.2</u>	<u>70.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>81.7</u>	<u>89.1</u>	<u>54.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>81.7</u>	<u>89.1</u>	<u>54.5</u>
23. Unit Forced Outage Rate	<u>14.9</u>	<u>5.8</u>	<u>13.7</u>

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

Refueling - May 31, 1986 - 11 weeks

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

8604220447 860331
 PDR ADOCK 05000369
 R PDR

IE24 (9/77)
 111

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire 1
 DATE 04/15/86
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH March, 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 159</u>	17	<u>1 153</u>
2	<u>1 159</u>	18	<u>1 153</u>
3	<u>1 159</u>	19	<u>1 153</u>
4	<u>1 159</u>	20	<u>1 152</u>
5	<u>1 159</u>	21	<u>1 152</u>
6	<u>1 159</u>	22	<u>1 151</u>
7	<u>646</u>	23	<u>1 152</u>
8	<u>---</u>	24	<u>1 152</u>
9	<u>---</u>	25	<u>847</u>
10	<u>---</u>	26	<u>42</u>
11	<u>262</u>	27	<u>925</u>
12	<u>1 144</u>	28	<u>1 143</u>
13	<u>1 148</u>	29	<u>1 151</u>
14	<u>1 145</u>	30	<u>1 149</u>
15	<u>1 153</u>	31	<u>1 149</u>
16	<u>1 153</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 4/15/86

COMPLETED BY J. A. Reavis

TELEPHONE 704-373-7567

REPORT MONTH March, 1986

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
2	86-03-07	F	47.53	A	1		CB	PUMPXX	Investigate Reactor Coolant Pump Oil Level Alarms
3	86-03-09	F	41.50	A	-		CB	HTEXCH	Repair Steam Generator Sludge Manway Leak
11-p	86-03-11	F	--	B	-		IB	INSTRU	Adjust Nuclear Instrumentation
4	86-03-25	F	21.87	A	1		CH	VALVEX	Feedwater Containment Isol. to Steam Generator Closed Due to Bad Fuse
12-p	86-03-26	F	--	F	-		XX	ZZZZZZ	Hold for Secondary Chemistry
13-p	86-03-27	F	--	A	-		PC	VALVEX	Xenon Gas Leak from Chemical Volume & Control System Valve (NV-483)

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: 4/15/86

NARRATIVE SUMMARY

Month: March, 1986

The unit began March at 100% but shutdown on March 7, 1986 after receiving indications of an oil leak on a Reactor Coolant pump. A leaking Steam Generator Manway was discovered and repaired while the unit was off-line. The unit returned to service on March 11. On March 25 the unit tripped from 100% when a Feedwater Isolation valve failed closed. The unit returned to service on March 26 and was back to 100% on March 28.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: May, 1986
3. Scheduled restart following refueling: August, 1986
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).
7. Number of fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 152
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: August, 2010

DUKE POWER COMPANY

DATE: April 15, 1986

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 04/15/86
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: March 1, 1986-March 31, 1986
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1150
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): 1150

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

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

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	744.0	2 160.0	18 264.0
12. Number Of Hours Reactor Was Critical	315.6	1 685.1	13 313.7
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	315.1	1 680.4	12 946.0
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	1 070 655	5 617 497	41 767 874
17. Gross Electrical Energy Generated (MWH)	377 348	1 982 876	14 683 443
18. Net Electrical Energy Generated (MWH)	359 712	1 906 172	14 059 825
19. Unit Service Factor	42.4	77.8	70.9
20. Unit Availability Factor	42.4	77.8	70.9
21. Unit Capacity Factor (Using MDC Net)	42.0	76.7	65.4
22. Unit Capacity Factor (Using DER Net)	42.0	76.7	65.4
23. Unit Forced Outage Rate	0.0	2.9	20.3

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 17, 1986

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370
 UNIT McGuire 2
 DATE 04/15/86
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH March, 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 162</u>	17	<u>---</u>
2	<u>1 162</u>	18	<u>---</u>
3	<u>1 163</u>	19	<u>---</u>
4	<u>1 162</u>	20	<u>---</u>
5	<u>1 162</u>	21	<u>---</u>
6	<u>1 163</u>	22	<u>---</u>
7	<u>1 161</u>	23	<u>---</u>
8	<u>1 159</u>	24	<u>---</u>
9	<u>1 160</u>	25	<u>---</u>
10	<u>1 159</u>	26	<u>---</u>
11	<u>1 160</u>	27	<u>---</u>
12	<u>1 161</u>	28	<u>---</u>
13	<u>1 162</u>	29	<u>---</u>
14	<u>41</u>	30	<u>---</u>
15	<u>---</u>	31	<u>---</u>
16	<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

DOCKET NO. 50-370
 UNIT NAME McGuire 2
 DATE 4/15/86
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH March, 1986

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
2	86-03-14	S	428.88	C	1		RL	FUELXX	End of Cycle 2 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: 4/15/86

NARRATIVE SUMMARY

Month: March, 1986

The unit operated at 100% until it was shutdown on March 14, 1986 and entered its End of Cycle 2 refueling outage.

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? 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).
7. Number of fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 150
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: August, 2010

DUKE POWER COMPANY

DATE: April 15, 1986

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

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

2. The total station liquid release for February 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 February 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

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

April 15, 1986

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

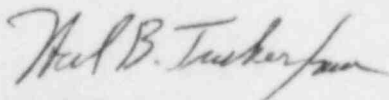
Attention: Document Control Desk

Re: McGuire Nuclear Station
Docket No. 50-369 and 50-370

Dear Sir:

Please find attached information concerning the performance and operating status of the McGuire Nuclear Station for the month of March, 1986.

Very truly yours,



Hal B. Tucker

JAR:slb

Attachment

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

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, CT 06032

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Director
April 15, 1986
Page Two

xc: INPO Records Center
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Atlanta, Georgia 30323

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

Mr. W. T. Orders
NRC Senior Resident Inspector
McGuire Nuclear Station

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Mr. Richard G. Oehl, NE-44
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19901 Germantown Road
Germantown, Maryland 20874