

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 12/13/85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: November 1, 1985-November 30, 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>720.0</u>	<u>8 016.0</u>	<u>35 064.0</u>
12. Number Of Hours Reactor Was Critical	<u>491.3</u>	<u>6 114.8</u>	<u>24 278.4</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>487.2</u>	<u>6 025.4</u>	<u>23 987.9</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 540 353</u>	<u>18 136 826</u>	<u>64 941 126</u>
17. Gross Electrical Energy Generated (MWH)	<u>534 915</u>	<u>6 234 847</u>	<u>22 464 072</u>
18. Net Electrical Energy Generated (MWH)	<u>507 167</u>	<u>5 961 417</u>	<u>21 336 672</u>
19. Unit Service Factor	<u>67.7</u>	<u>75.2</u>	<u>68.4</u>
20. Unit Availability Factor	<u>67.7</u>	<u>75.2</u>	<u>68.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>59.7</u>	<u>63.0</u>	<u>51.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>59.7</u>	<u>63.0</u>	<u>51.6</u>
23. Unit Forced Outage Rate	<u>32.3</u>	<u>9.8</u>	<u>14.6</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):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

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 PDR ADDCK 05000369
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 1/1
 (9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire 1
 DATE 12/13/85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH November, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 148</u>	17	<u>1 153</u>
2	<u>293</u>	18	<u>1 152</u>
3	<u>- - - -</u>	19	<u>743</u>
4	<u>- - - -</u>	20	<u>671</u>
5	<u>- - - -</u>	21	<u>1 145</u>
6	<u>- - - -</u>	22	<u>1 148</u>
7	<u>- - - -</u>	23	<u>1 149</u>
8	<u>- - - -</u>	24	<u>1 152</u>
9	<u>- - - -</u>	25	<u>1 153</u>
10	<u>- - - -</u>	26	<u>1 153</u>
11	<u>90</u>	27	<u>1 154</u>
12	<u>214</u>	28	<u>1 153</u>
13	<u>938</u>	29	<u>1 153</u>
14	<u>1 152</u>	30	<u>1 151</u>
15	<u>1 154</u>	31	<u></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

REPORT MONTH November 1985DOCKET NO. 50-369UNIT NAME McGuire 1DATE 12/13/85COMPLETED BY J. A. ReavisTELEPHONE 704-373-7567

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
5	85-11-02	F	5.30	A	3		PA	PIPEXX	Instrument air failure caused feedwater reg valve to close
6	85-11-02	F	214.57	A	4		CH	VALVEX	Repair body leak on feedwater check valve (CF-25)
37-p	85-11-11	F	--	F	-		XX	XXXXXX	Hold for Secondary Chemistry
38-p	85-11-11	F	--	A	-		XX	HTEXCH	High lower containment temperature due to two inoperable ventilation units
39-p	85-11-12	F	--	A	-		CH	PIPEXX	Change out control oil drain piping
40-p	85-11-13	F	--	B	-		IB	INSTRU	Nuclear instrumentation calibration
7	85-11-19	F	12.97	A	3		CH	INSTRU	A fuse failure in speed control circuit caused feedwater pump trip on overspeed
41-p	85-11-20	F	--	F	-		XX	XXXXXX	Hold for Secondary Chemistry

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)

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Exhibit I - Same Source

Docket No.: 50-369

Unit: McGuire 1

Date: 12/13/85

NARRATIVE SUMMARY

Month: November, 1985

McGuire Unit 1 began the month at 100%. The unit tripped on 11/02 when Instrument Air was lost. The unit remained off line until 11/11 to repair a feedwater check valve. The unit returned to service on 11/14 and escalated to 100%. On 11/19 a fuse failure caused the unit to trip. It returned to service on 11/20 and operated for the balance of the month at 100%.

Docket No.: 50-370

Unit: McGuire 2

Date: 12/13/85

NARRATIVE SUMMARY

Month: November, 1985

McGuire Unit 2 began the month at 100%. The unit tripped on 11/02 when Instrument Air was lost. The unit returned to service on 11/03, and operated at 100% for the balance of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: June, 1986
3. Scheduled restart following refueling: September, 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: December 13, 1985

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
DATE 12/13/85
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

- | | |
|--|--|
| 1. Unit Name: <u>McGuire 2</u> | Notes * Nameplate Rating
(Gross MWe) calculation
$1450.000 \text{ MVA} \times .90$
factor per Page ii.
NUREG-0020. |
| 2. Reporting Period: <u>November 1, 1985-November 30, 1985</u> | |
| 3. Licensed Thermal Power (MWt): <u>3411</u> | |
| 4. Nameplate Rating (Gross MWe): <u>1305*</u> | |
| 5. Design Electrical Rating (Net MWe): <u>1180</u> | |
| 6. Maximum Dependable Capacity (Gross MWe): _____ | |
| 7. Maximum Dependable Capacity (Net MWe): <u>1180</u> | |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
<u>None</u> | |

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	720.0	8 016.0	15 360.0
12. Number Of Hours Reactor Was Critical	703.6	5 066.5	11 204.6
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	702.0	4 752.2	10 843.2
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	2 366 518	15 451 463	34 822 134
17. Gross Electrical Energy Generated (MWH)	832 623	5 388 318	12 226 041
18. Net Electrical Energy Generated (MWH)	802 362	5 144 419	11 702 219
19. Unit Service Factor	97.5	59.3	70.6
20. Unit Availability Factor	97.5	59.3	70.6
21. Unit Capacity Factor (Using MDC Net)	94.4	54.4	64.6
22. Unit Capacity Factor (Using DER Net)	94.4	54.4	64.6
23. Unit Forced Outage Rate	2.5	27.0	21.2

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

Refueling - March 21, 1986 - 8 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370

UNIT McGuire 2

DATE 12/13/85

COMPLETED BY J.A. Reavis

TELEPHONE 704-373-7567

MONTH November, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 154</u>	17	<u>1 160</u>
2	<u>297</u>	18	<u>1 160</u>
3	<u>670</u>	19	<u>1 160</u>
4	<u>1 160</u>	20	<u>1 159</u>
5	<u>1 149</u>	21	<u>1 158</u>
6	<u>1 159</u>	22	<u>1 155</u>
7	<u>1 160</u>	23	<u>1 156</u>
8	<u>1 161</u>	24	<u>1 157</u>
9	<u>1 161</u>	25	<u>1 158</u>
10	<u>1 162</u>	26	<u>1 156</u>
11	<u>1 159</u>	27	<u>1 161</u>
12	<u>1 159</u>	28	<u>1 167</u>
13	<u>1 161</u>	29	<u>1 166</u>
14	<u>1 160</u>	30	<u>1 166</u>
15	<u>1 160</u>	31	<u></u>
16	<u>1 160</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 November, 1985DOCKET NO. 50-370UNIT NAME McGuire 2DATE 12/13/85COMPLETED BY J. A. ReavisTELEPHONE 704-373-7567

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
20	85-11-02	F	17.97	A	3		XX	PIPEXX	Instrument air hose failure caused feedwater reg valves to close
35-p	85-11-03	F	--	F	-		XX	XXXXXX	Hold for Secondary Chemistry
36-p	85-11-05	F	--	A	-		HA	TURBIN	Turbine control problems

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: March, 1986
3. Scheduled restart following refueling: May, 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: 72
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: December 13, 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 October, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for October 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 October 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

December 13, 1985

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

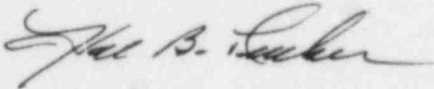
Attention: Document Control Desk

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 November, 1985.

Very truly yours,



Hal B. Tucker

JAR:slb

Attachment

cc: 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
December 13, 1985
Page Two

cc: INPO Records Center
Suite 1500
1100 Circle 75 Parkway
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

Ms. Judy Dovers
Nuclear Assurance Corporation
5720 Peachtree Parkway
Norcross, Georgia 30092