

# OPERATING DATA REPORT

DOCKET NO. 50-369  
 DATE 4-15-83  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: March 1, 1983-March 31, 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:  
None

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): 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>11 664.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>494.9</u>	<u>7 633.0</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>494.9</u>	<u>7 587.1</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>857 172</u>	<u>14 359 590</u>
17. Gross Electrical Energy Generated (MWH)	<u>13</u>	<u>293 850</u>	<u>4 920 441</u>
18. Net Electrical Energy Generated (MWH)	<u>-4 185</u>	<u>264 102</u>	<u>4 585 425</u>
19. Unit Service Factor	<u>0.0</u>	<u>22.9</u>	<u>65.1</u>
20. Unit Availability Factor	<u>0.0</u>	<u>22.9</u>	<u>65.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>10.4</u>	<u>33.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>10.4</u>	<u>33.3</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.8</u>	<u>21.3</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: May 1, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DOCKET NO. 50-369  
 UNIT McGuire 1  
 DATE 4-15-83

### AVERAGE DAILY UNIT POWER LEVEL

MONTH March, 1983

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

#### DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1983

DOCKET NO. 50-369  
 UNIT NAME McGuire 1  
 DATE 4-15-83  
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 TELEPHONE 704-373-7567

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1A	83-03-01	S	192.00	H	--		CB	Htexch	Outage continues for modification of steam generator.
1B	83-03-09	S	552.00	H	--		CA	Pipexx	Thermal sleeve removal and nozzle piping welds have become the critical path items.

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

BUCKET NO: 50-369

UNIT: McGuire 1

DATE: 4-15-83

#### NARRATIVE SUMMARY

Month: March, 1983

McGuire Unit 1 entered the month shutdown to continue work on the steam generator flow modifications. At midnight March 8, the thermal sleeve removal and nozzle piping welds became the critical path work extending the outage length. Moisture separator and reheater, H.P. turbine, electrical generator, and ice condenser work also are in progress. The outage continued through the end of March.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1.
2. Scheduled next refueling shutdown: December, 1983.
3. Scheduled restart following refueling: February, 1984.
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? N/A.  
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: 0.  
(b) in the spent fuel pool: 220.
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: April 15, 1983.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

# OPERATING DATA REPORT

DOCKET NO. 50-369  
 DATE 4-15-83  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: McGuire Unit 2
2. Reporting Period: March 1, 1983 - March 31, 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>5/83</u>	_____
INITIAL ELECTRICITY	<u>6/83</u>	_____
COMMERCIAL OPERATION	<u>3/84</u>	_____

## McGUIRE NUCLEAR STATION

### Operating Status Report

#### 1. Personnel Exposure

For the month of February, 6 individuals exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.860 rem, which represents approximately 15.5% of that person's allowable annual limit.

2. The total station liquid release contribution to whole body dose for February has been compared with the Technical Specifications annual value of 3 mrem; the total release for February was less than 10 percent.

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

## McGUIRE NUCLEAR STATION

### Operating Status Report

#### 1. Personnel Exposure

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

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