

OPERATING DATA REPORT

DOCKET NO. 50-369  
 DATE 3-15-83  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1  
 2. Reporting Period: February 1, 1983-February 28, 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, NUPEG-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	672.0	1 416.0	10 920.0
12. Number Of Hours Reactor Was Critical	0.0	494.9	7 633.0
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	0.0	494.9	7 587.1
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	0	857 172	14 359 590
17. Gross Electrical Energy Generated (MWH)	11	293 837	4 920 428
18. Net Electrical Energy Generated (MWH)	-4 125	268 287	4 589 610
19. Unit Service Factor	0.0	35.0	69.5
20. Unit Availability Factor	0.0	35.0	69.5
21. Unit Capacity Factor (Using MDC Net)	0.0	16.1	35.6
22. Unit Capacity Factor (Using DER Net)	0.0	16.1	35.6
23. Unit Forced Outage Rate	0.0	0.8	21.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Currently doing Steam Generator Modification

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April 19, 1983

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

DOCKET NO. 50-369

UNIT McGuire 1

DATE 3-15-83

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH February, 1983

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

**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 case, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369  
 UNIT NAME McGuire 1  
 DATE 3-15-83  
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 TELEPHONE 704-373-7567

REPORT MONTH February, 1983

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	83-02-01	S	672.00	H	1		CB	HTEXCH	Outage continues for modification of steam generators. Turbine work, main generator work, ice condenser work, thermal sleeve work, and moisture separator and reheater repairs are also in progress

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

DOCKET NO: 50-369  
UNIT: McGuire 1  
DATE: 3-15-83

NARRATIVE SUMMARY

Month: February, 1983

McGuire Unit 1 continues with the steam generator modification outage. Work on the main turbine, main generator, ice condenser, thermal sleeves, and moisture separator and reheaters is continuing also. The unit is expected to return to service at full load in April, 1983.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: January, 1984
3. Scheduled restart following refueling: \_\_\_\_\_
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: March 15, 1983

Name of Contact: J. A. Reavis

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