

# OPERATING DATA REPORT

DOCKET NO. 50-369  
 DATE 5-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-8552

## OPERATING STATUS

1. Unit Name: McGuire #1
2. Reporting Period: April 1, 1982 - April 30, 1982
3. Licensed Thermal Power (MWt): 3 411
4. Nameplate Rating (Gross MWe): 1 220
5. Design Electrical Rating (Net MWe): 1 180
6. Maximum Dependable Capacity (Gross MWe): \_\_\_\_\_
7. Maximum Dependable Capacity (Net MWe): \_\_\_\_\_
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	<u>719.0</u>	<u>2 879.0</u>	<u>3 623.0</u>
12. Number Of Hours Reactor Was Critical	<u>704.3</u>	<u>2 287.3</u>	<u>2 333.0</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>695.5</u>	<u>2 263.0</u>	<u>2 308.7</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 192 627</u>	<u>4 051 201</u>	<u>4 136 156</u>
17. Gross Electrical Energy Generated (MWH)	<u>408 960</u>	<u>1 368 551</u>	<u>1 396 987</u>
18. Net Electrical Energy Generated (MWH)	<u>382 958</u>	<u>1 275 987</u>	<u>1 295 043</u>
19. Unit Service Factor	<u>96.7</u>	<u>78.6</u>	<u>63.7</u>
20. Unit Availability Factor	<u>96.7</u>	<u>78.6</u>	<u>63.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>45.1</u>	<u>37.6</u>	<u>30.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>45.1</u>	<u>37.6</u>	<u>30.3</u>
23. Unit Forced Outage Rate	<u>3.3</u>	<u>21.4</u>	<u>36.3</u>

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

Steam generator Eddy Current Testing - 3 weeks - June 20

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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UNIT McGuire #1  
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**AVERAGE DAILY UNIT POWER LEVEL**

MONTH April, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>552</u>	17	<u>555</u>
2	<u>557</u>	18	<u>555</u>
3	<u>558</u>	19	<u>554</u>
4	<u>554</u>	20	<u>552</u>
5	<u>551</u>	21	<u>553</u>
6	<u>550</u>	22	<u>551</u>
7	<u>552</u>	23	<u>499</u>
8	<u>552</u>	24	<u>--</u>
9	<u>553</u>	25	<u>501</u>
10	<u>553</u>	26	<u>553</u>
11	<u>553</u>	27	<u>561</u>
12	<u>564</u>	28	<u>560</u>
13	<u>568</u>	29	<u>559</u>
14	<u>563</u>	30	<u>553</u>
15	<u>556</u>	31	<u>      </u>
16	<u>558</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 April, 1982

DOCKET NO. 50-369  
 UNIT NAME McGuire 1\*  
 DATE 5-15-82  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-8552

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
6-p	82-04-01	F	--	H	--		CB	HTEXCH	Reduced to 50% power awaiting further analysis of steam generator condition.
10	82-04-23	F	23.47	A	3		CH	INSTRU	While reducing power for tech. spec. requirement, the feedwater pump tripped due to discharge pressure set point trip being too low.
7-p	82-04-24	F	--	H	--		CB	HTEXCH	Holding at 50% power awaiting further analysis of steam generator condition.

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

<sup>2</sup>  
 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)

<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 Unit 1  
DATE: May 15, 1982

#### NARRATIVE SUMMARY

Month: April, 1982

McGuire 1 began the month of April at 50% power awaiting further analysis of the steam generator condition.

On April 23, while reducing power because of a tech. spec. requirement, the feed-water pump tripped due to the discharge pressure setpoint trip being too low. This caused a unit trip. Setpoint corrections were made and the unit was returned to service on April 24, and increased to 50% power continuing the remainder of the month.

## MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: June, 1983
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  
If no, when is review scheduled? 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: 27
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: May 15, 1982

Name of Contact: J. A. Reavis