

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 1-14-83
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: December 1, 1982 - December 31, 1982
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>8 760.0</u>	<u>9 504.0</u>
12. Number Of Hours Reactor Was Critical	<u>740.0</u>	<u>7 092.5</u>	<u>7 138.1</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>738.0</u>	<u>7 046.6</u>	<u>7 092.3</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 265 980</u>	<u>13 417 463</u>	<u>13 502 418</u>
17. Gross Electrical Energy Generated (MWH)	<u>433 363</u>	<u>4 598 155</u>	<u>4 626 591</u>
18. Net Electrical Energy Generated (MWH)	<u>405 269</u>	<u>4 302 267</u>	<u>4 321 323</u>
19. Unit Service Factor	<u>99.2</u>	<u>80.4</u>	<u>74.6</u>
20. Unit Availability Factor	<u>99.2</u>	<u>80.4</u>	<u>74.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>46.2</u>	<u>41.6</u>	<u>38.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>46.2</u>	<u>41.6</u>	<u>38.5</u>
23. Unit Forced Outage Rate	<u>0.8</u>	<u>16.0</u>	<u>22.4</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Modification - January 21, 1983 - 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	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 1-14-83
 COMPLETED BY J. A. Reavis
 TELEPHONE _____

REPORT MONTH December, 1982

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
16-P	82-12-01	F	--	H	--		CB	HTEXCH	Limited to 50% power while awaiting modification to steam generator design.
21	82-12-22	F	6.02	A	1		CJ	VALVEX	RCS leakage over 1 GPM due to partially open vent valve on BIT line. Valve shut and pipe cap installed.

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. 50-369UNIT McGuire 1DATE 1-14-83

AVERAGE DAILY UNIT POWER LEVEL

MONTH December, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>558</u>	17	<u>557</u>
2	<u>557</u>	18	<u>558</u>
3	<u>556</u>	19	<u>556</u>
4	<u>560</u>	20	<u>555</u>
5	<u>558</u>	21	<u>556</u>
6	<u>554</u>	22	<u>345</u>
7	<u>543</u>	23	<u>559</u>
8	<u>553</u>	24	<u>557</u>
9	<u>556</u>	25	<u>523</u>
10	<u>554</u>	26	<u>478</u>
11	<u>554</u>	27	<u>557</u>
12	<u>551</u>	28	<u>557</u>
13	<u>553</u>	29	<u>556</u>
14	<u>553</u>	30	<u>550</u>
15	<u>553</u>	31	<u>555</u>
16	<u>556</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.

DOCKET NO: 50-369
UNIT: McGuire 1
DATE: 1/14/83

NARRATIVE SUMMARY

Month: December, 1982

McGuire Unit 1 entered the month limited to 50% power until modifications have been completed on the steam generator.

The unit was manually shutdown on December 22 in order to identify and repair a reactor coolant leak of over 1 GPM through a partially open vent valve on a BIT line. The valve was shut and a pipe cap installed. The unit returned to service later the same day.

Power was reduced on December 25 and 26 in order to reach system minimum load.

McGuire Unit 1 operated through the end of the year at 50% power.

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: 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: January 14, 1983

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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