

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 12-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: November 1, 1982-November 30, 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>720.0</u>	<u>8 016.0</u>	<u>8 760.0</u>
12. Number Of Hours Reactor Was Critical	<u>314.2</u>	<u>6 352.5</u>	<u>6 398.2</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>311.0</u>	<u>6 308.6</u>	<u>6 354.3</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>527 736</u>	<u>12 151 483</u>	<u>12 236 438</u>
17. Gross Electrical Energy Generated (MWH)	<u>181 205</u>	<u>4 164 792</u>	<u>4 193 228</u>
18. Net Electrical Energy Generated (MWH)	<u>163 290</u>	<u>3 896 998</u>	<u>3 916 054</u>
19. Unit Service Factor	<u>43.2</u>	<u>78.7</u>	<u>72.5</u>
20. Unit Availability Factor	<u>43.2</u>	<u>78.7</u>	<u>72.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>19.2</u>	<u>41.2</u>	<u>37.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>19.2</u>	<u>41.2</u>	<u>37.9</u>
23. Unit Forced Outage Rate	<u>11.7</u>	<u>17.5</u>	<u>24.3</u>

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

Steam Generator Modification - January 15, 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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

DOCKET NO. 50-369UNIT McGuire 1DATE 12-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH November, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>555</u>	17	<u>--</u>
2	<u>557</u>	18	<u>--</u>
3	<u>551</u>	19	<u>--</u>
4	<u>555</u>	20	<u>--</u>
5	<u>483</u>	21	<u>--</u>
6	<u>--</u>	22	<u>--</u>
7	<u>--</u>	23	<u>494</u>
8	<u>--</u>	24	<u>560</u>
9	<u>--</u>	25	<u>552</u>
10	<u>--</u>	26	<u>552</u>
11	<u>--</u>	27	<u>518</u>
12	<u>--</u>	28	<u>543</u>
13	<u>--</u>	29	<u>559</u>
14	<u>--</u>	30	<u>560</u>
15	<u>--</u>	31	<u> </u>
16	<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 November, 1982

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 12-15-82
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

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
15-p	82-11-01	F	--	H	--		CB	HTEXCH	Limited to 50% power while awaiting modification to steam generator design.
20	82-11-05	F	14.50	H	4		SB	SUPT	Unit tripped from 20% power due to Nuclear Instrumentation Calibration while manually shutting down to work on containment spray heat exchanger hangers.
20A	82-11-06	F	26.83	A	--		HA	PUMPXX	Bad bearings in main turbine bearing oil pump.
20B	82-11-07	S	367.70	B	--		CB	HTEXCH	Steam generator tube inspection.
16-p	82-11-22	F	--	H	--		CB	HTEXCH	Limited to 50% power.

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

DOCKET NO: 50-369

UNIT: McGuire 1

DATE: 12-15-82

NARRATIVE SUMMARY

Month: November, 1982

McGuire 1 entered the month at 50% power. November 5 the unit commenced to shutdown to work on welds that had been declared inoperable on the containment spray heat exchanger hangers. While decreasing load, a spurious trip occurred at 20% power due to Nuclear Instrumentation Calibration.

November 6 the unit commenced reactor startup. Reactor shutdown from 5% power was begun due to bad bearings in the main turbine bearing oil pump. The decision was then made to continue cooling down for an outage to inspect the steam generator tubes.

Late on November 22 the station commenced with reactor startup and by midnight the unit was on line.

McGuire 1 run the remainder of the month at 50% power, with the exception of two reductions to assist in reaching system minimum load on November 27 and 28. McGuire 1 will be limited to 50% power until further analysis of the steam generator is completed.

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: December 15, 1982.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

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

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