

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 8-15-83
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: July 1, 1983 - July 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): 1180
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 *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):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>5 087.0</u>	<u>14 591.0</u>
12. Number Of Hours Reactor Was Critical	<u>626.9</u>	<u>1 978.0</u>	<u>9 116.2</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>615.6</u>	<u>1 939.7</u>	<u>9 032.0</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 975 352</u>	<u>4 973 801</u>	<u>18 476 219</u>
17. Gross Electrical Energy Generated (MWH)	<u>692 017</u>	<u>1 730 995</u>	<u>6 357 586</u>
18. Net Electrical Energy Generated (MWH)	<u>661 401</u>	<u>1 617 444</u>	<u>5 938 767</u>
19. Unit Service Factor	<u>82.7</u>	<u>38.1</u>	<u>61.9</u>
20. Unit Availability Factor	<u>82.7</u>	<u>38.1</u>	<u>61.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>75.3</u>	<u>27.0</u>	<u>34.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>75.3</u>	<u>27.0</u>	<u>34.5</u>
23. Unit Forced Outage Rate	<u>17.3</u>	<u>19.5</u>	<u>21.8</u>

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

Repair NC 18 Isolation Valve - August 12, 1983 - 10 Days

25. If Shut Down At End Of Report Period, Estimated Date of Startup: August 1, 1983

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

IE 24
 1/1 (9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire Unit 1
 DATE 8-15-83
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	690
2	976
3	987
4	1 144
5	1 135
6	1 133
7	1 120
8	263
9	253
10	1 161
11	1 163
12	1 162
13	1 160
14	1 165
15	1 163
16	1 146

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1 162
18	1 157
19	491
20	1 072
21	1 160
22	975
23	-
24	-
25	448
26	1 148
27	1 149
28	1 150
29	1 150
30	785
31	-

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Round to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-369
UNIT NAME McGuire 1
DATE 8-15-83
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 Codes	Cause & Corrective Action to Prevent Recurrence
13-P	83-07-01	F	--	H	--		RB	ZZZZZZ	Core Power Tilt Restrictions
14-P	83-07-01	S	--	B	--		RB	Instru	Recalibration of Excore Power Range Neutron Detector
15-P	83-07-07	S	--	B	--		CC	Valvex	Turbine Valve Testing.
8	83-07-08	F	18.35	A	2		HA	Filter	Clogged Filter on Main Generator Seal Oil System
8-A	83-07-09	F	10.90	A	--		HA	Filter	Main Generator Seal Oil Filter Failed.
16-P	83-07-16	S	--	B	--		CC	Valvex	Turbine Valve Testing
17-P	83-07-19	F	--	A	--		CB	Valvex	Attempt to identify Reactor Coolant System Leakage
9	83-07-19	F	10.17	A	1		CB	Valvex	Identified Leakage as D Cold Leg (RTD) Resist- ance Thermal Detector Return Isolation Valve.
10	83-07-22	F	57.62	B	1		CB	Valvex	Attempt to Resolve Leakage On RTD Return Isolation Valve.
11	83-07-30	F	31.37	A	3		CH	Relayx	Feedwater Pump Relays Tripped When Relay Cabinet Door was Shut due to Cabinet Design.

1 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: 50-369

UNIT: McGuire 1

DATE: 8-15-83

NARRATIVE SUMMARY

Month: July, 1983

McGuire Unit 1 entered the month at 20% power and increasing. Power escalation was held up at 50% by core power tilt restrictions on July 1. Power escalation was resumed and the unit reached 85% power on the 1st. and then began recalibration of an excore power range neutron detector. Power increase to 100% began on the 3rd. July 7 power was reduced briefly for turbine valve testing. On July 8 the unit was manually tripped following the failure of the main generator seal oil system due to a clogged filter. Restart of the unit on July 9 was halted when the filter broke open at a weld. The filter was repaired and the unit was online before noon. Turbine valve tests were run again on July 16. July 19 power was reduced and then the unit taken offline to identify the source of the greater than 1.0 gpm reactor coolant unidentified leakage. The leakage was identified as the "D" code leg RTD return isolation valve. The unit returned to power for the remainder of the week and shutdown the following weekend, July 22, to attempt to resolve the leakage. The unit returned to service July 25 and operated at full load until July 30 when the unit tripped. The trip resulted from a faulty relay cabinet design which tripped the feedwater pump relays when the door was shut. The unit was preparing to return to service when the month ended.

MONTHLY REFUELING INFORMATION REQUEST

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

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: 31.
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: August 15, 1983

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 8-15-83
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 2
2. Reporting Period: July 1, 1983 - July 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 | | 5/8/83 |
| INITIAL ELECTRICITY | | 5/23/83 |
| COMMERCIAL OPERATION | 3/84 | |

McGUIRE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

August 15, 1983

TELEPHONE
(704) 373-4531

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

Re: McGuire Nuclear Station
Docket No. 50-369, -370

Dear Sir:

Please find attached information concerning the performance and operating status of the McGuire Nuclear Station for the month of July, 1983.

Very truly yours,

H.B. Tucker

Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia

Mr. Phil Ross
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MNBB-5715
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INPO Records Center
Suite 1500
1100 Circle 75 Parkway
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Office of Nuclear Reactor Regulation
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Mr. Bill Lavalley
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P. O. Box 10412
Palo Alto, California 94303

Senior Resident Inspector
McGuire Nuclear Station

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1/1