

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: August 1, 1984 - August 31, 1984
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 * 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	744.0	5 855.0	24 119.0
12. Number Of Hours Reactor Was Critical	708.6	4 083.1	16 156.2
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	704.5	4 019.9	15 968.9
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	2 370 549	13 064 979	40 502 048
17. Gross Electrical Energy Generated (MWH)	813 620	4 559 314	14 076 479
18. Net Electrical Energy Generated (MWH)	782 638	4 365 134	13 321 389
19. Unit Service Factor	94.7	68.7	66.2
20. Unit Availability Factor	94.7	68.7	66.2
21. Unit Capacity Factor (Using MDC Net)	89.2	63.2	46.8
22. Unit Capacity Factor (Using DER Net)	89.2	63.2	46.8
23. Unit Forced Outage Rate	5.3	4.8	17.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - February 7, 1985 - 8 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 | _____ | _____ |

8409260337 840914
 PDR ADOCK 05000369
 R PDR

(9/77)
 IE24
 11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire 1
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH AUGUST, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1140	17	1123
2	1141	18	1124
3	1141	19	1125
4	1141	20	1121
5	1141	21	1016
6	1141	22	----
7	1136	23	75
8	1135	24	999
9	1133	25	1125
10	1130	26	1129
11	1129	27	1131
12	1127	28	1135
13	1125	29	1138
14	1126	30	1135
15	1125	31	1128
16	1124		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369
 UNIT NAME McGuire 1
 DATE 09-14-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 794-373-7567

REPORT MONTH August 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
8	84-08-21	F	39.53	A	3		EA	INSTRU	Breakers of 230KV Switchyard were opened during computer work
32-p	84-08-23	F	--	A	-		HI	HTEXCH	Secondary Chemistry Requirements

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: 50-369

UNIT: McGuire 1

DATE: 09-14-84

NARRATIVE SUMMARY

Month: August, 1984

The unit experienced a trip due to the loss of offsite power on August 21st, but operated at 100% power most of the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: April 1985
3. Scheduled restart following refueling: June 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

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: 91

8. Present licensed fuel pool capacity: 500
Size of requested or planned increase: 1463

9. Projected date of last refueling which can be accommodated by present licensed capacity: November 1990

DUKE POWER COMPANY Date: September 14, 1984

Name of Contact: J. A. Reavis Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: August 1, 1984 - August 31, 1984
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 * 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>4 415.0</u>	<u>4 415.0</u>
12. Number Of Hours Reactor Was Critical	<u>199.0</u>	<u>3 455.2</u>	<u>3 455.2</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>196.8</u>	<u>3 431.0</u>	<u>3 431.0</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>614 384</u>	<u>11 295 360</u>	<u>11 295 360</u>
17. Gross Electrical Energy Generated (MWH)	<u>217 617</u>	<u>4 017 748</u>	<u>4 017 748</u>
18. Net Electrical Energy Generated (MWH)	<u>201 614</u>	<u>3 856 769</u>	<u>3 856 769</u>
19. Unit Service Factor	<u>26.5</u>	<u>77.7</u>	<u>77.7</u>
20. Unit Availability Factor	<u>26.5</u>	<u>77.7</u>	<u>77.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>23.0</u>	<u>74.0</u>	<u>74.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>23.0</u>	<u>74.0</u>	<u>74.0</u>
23. Unit Forced Outage Rate	<u>73.5</u>	<u>20.7</u>	<u>20.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Maintenance Outage - December 1, 1984 - 4 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	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370
 UNIT McGuire 2
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH AUGUST, 1984

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	313
8	----	24	954
9	----	25	1161
10	----	26	1166
11	----	27	1166
12	----	28	1167
13	----	29	1168
14	----	30	1170
15	----	31	430
16	----		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
 UNIT NAME McGuire 2
 DATE 09-14-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH August 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
11A	84-08-01	F	181.00	A	-		CB	PUMPXX	Replace leaking Reactor Coolant Pump Seal
11B	84-08-08	F	282.25	A	-		CF	HTEXCH	Residual Heat Removal Letdown Heat Exchanger Pipe Repairs
11C	84-08-20	F	38.58	A	-		SF	ACCUMU	Reactor Coolant System Leak thru Upper Head Injection Vent Line
11D	84-08-21	F	30.58	A	3		IA	HTEXCH	Rx Trip from Mode 3 on Steam Generator Lo Lo Level (Rx not critical)
41-p	84-08-24	F	--	A	-		HI	HTEXCH	Steam Generator Chemistry Problems
42-p	84-08-24	F	--	A	-		HI	HTEXCH	Steam Generator Chemistry Problems
43-p	84-08-29	F	--	A	-		HA	TURBINE	High Turbine Bearing Vibration
12	84-08-31	F	14.75	G	3		ZZ	ZZZZZZ	Technician Worked on Wrong Connection during Protection Cabinet Testing

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: 50-370
UNIT: McGuire 2
DATE: 09-14-84

NARRATIVE SUMMARY

Month: August, 1984

The unit began the month returning from a Reactor Coolant pump seal replacement outage. However, the unit then remained down until August 23rd for repairs to a Residual Heat Removal Letdown heat exchanger pipe, and to an upper head injection vent line which was leaking. The unit tripped again on August 31st, due to a technician's error during protection cabinet testing.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2
2. Scheduled next refueling shutdown: February 1985
3. Scheduled restart following refueling: April 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

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: 0.
8. Present licensed fuel pool capacity: 500.
Size of requested or planned increase: 1463.
9. Projected date of last refueling which can be accommodated by present licensed capacity: November 1990.

DUKE POWER COMPANY

Date: September 14, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

For the month of July, 2 individuals exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.330 Rem, which represents approximately 11.1% of that person's allowable annual limit.

2. The total station liquid release for July has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for July has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.