

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 03-15-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: February 1, 1985-February 28, 1985
3. Licensed Thermal Power (Mwt): 3411
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1150
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): 1150
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 5 and 7 were changed to 1150 from 1180. The 1180 rating did not account for individual plant operational practices or the full spectrum of operating conditions.
9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.0	1 416.0	28 464.0
12. Number Of Hours Reactor Was Critical	630.9	1 338.0	19 501.6
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	628.9	1 332.1	19 294.6
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	2 088 791	4 445 734	51 250 034
17. Gross Electrical Energy Generated (MWH)	724 415	1 545 018	17 774 243
18. Net Electrical Energy Generated (MWH)	698 584	1 489 364	16 864 619
19. Unit Service Factor	93.6	94.1	67.8
20. Unit Availability Factor	93.6	94.1	67.8
21. Unit Capacity Factor (Using MDC Net)	90.4	91.5	50.3
22. Unit Capacity Factor (Using DER Net)	90.4	91.5	50.3
23. Unit Forced Outage Rate	6.4	5.9	15.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - April 2, 1985 - 8 Weeks</u>			

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
_____	_____
_____	_____
_____	_____

8503250364 850315
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 R PDR

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire 1
 DATE 03/15/85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH February, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 148</u>	17	<u>1 141</u>
2	<u>1 149</u>	18	<u>1 143</u>
3	<u>1 150</u>	19	<u>1 145</u>
4	<u>1 133</u>	20	<u>1 134</u>
5	<u>603</u>	21	<u>1 078</u>
6	<u>---</u>	22	<u>1 095</u>
7	<u>427</u>	23	<u>1 103</u>
8	<u>1 105</u>	24	<u>1 101</u>
9	<u>1 123</u>	25	<u>1 102</u>
10	<u>1 123</u>	26	<u>1 084</u>
11	<u>1 134</u>	27	<u>1 094</u>
12	<u>1 151</u>	28	<u>1 093</u>
13	<u>1 149</u>	29	<u>- ---</u>
14	<u>1 145</u>	30	<u>- ---</u>
15	<u>1 144</u>	31	<u>- ---</u>
16	<u>1 144</u>		

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 3/15/85

COMPLETED BY J. A. Reavis

TELEPHONE 704-373-7567

REPORT MONTH February 1985

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
6-p	85-02-01	F	--	A	-		HC	HTEXCH	Isolated a Main Condenser Waterbox to Check for Tube Leaks
7-p	85-02-04	F	--	B	-		IA	INSTRU	Reset Flux Rate Trip Setpoints
8-p	85-02-05	F	--	B	-		IA	INSTRU	Reset Flux Rate Trip Setpoints
2	85-02-05	F	43.10	H	3		ZZ	ZZZZZZ	Reactor Trip due to Undetermined Cause
9-p	85-02-07	F	--	B	-		ZZ	ZZZZZZ	Hold for Secondary Chemistry
10-p	85-02-07	F	--	B	-		IB	INSTRU	Excore Calibrations
11-p	85-02-08	F	--	A	-		CH	PUMPXX	Feedwater Pump Controller Problems
12-p	85-02-08	F	--	A	-		HH	PUMPXX	Lost Heater Drain Pump
13-p	85-02-11	F	--	A	-		HH	PUMPXX	Return Heater Drain Pump to Service
14-p	85-02-20	F	--	A	-		HA	GENERA	Isolate Hydrogen Cooler due to Moisture in Generator Hydrogen
15-p	85-02-20	F	--	A	-		HA	GENERA	Reduction to keep Generator Cold Gas Temperature within Tech Spec

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)

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Exhibit I - Same Source

DOCKET NO: 50-369
UNIT: McGuire 1
DATE: 3/15/85

NARRATIVE SUMMARY

Month: February 1985

The unit reduced to 95% power on February 4, and February 5 to reset power range flux rate setpoints per the vendor. The unit tripped on February 5 due to an undetermined cause and then returned to service on February 7 following an extensive evaluation of the trip. The unit then operated at about 100% power until February 20, at which time the unit was reduced to approximately 95% power for the remainder of the month due to generator hydrogen problems.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: April 1985
3. Scheduled restart following refueling: May 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: 1463.
Size of requested or planned increase: _____.
9. Projected date of last refueling which can be accommodated by present
licensed capacity: _____.

DUKE POWER COMPANY

Date: March 15, 1985 .

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 03-15-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: February 1, 1985-February 28, 1985
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305*
5. Design Electrical Rating (Net MWe): 1150
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): 1150
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 5 and 7 were changed to 1150 from 1180. The 1180 rating did not account for individual plant operational practices or the full spectrum of operating conditions.
9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.0	1 416.0	8 760.0
12. Number Of Hours Reactor Was Critical	0.0	595.0	6 733.1
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	0.0	595.0	6 686.0
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	-0-	1 948 246	21 318 917
17. Gross Electrical Energy Generated (MWH)	124	699 177	7 536 900
18. Net Electrical Energy Generated (MWH)	-3 811	667 710	7 225 510
19. Unit Service Factor	0.0	42.0	76.3
20. Unit Availability Factor	0.0	42.0	76.3
21. Unit Capacity Factor (Using MDC Net)	0.0	41.0	70.2
22. Unit Capacity Factor (Using DER Net)	0.0	41.0	70.2
23. Unit Forced Outage Rate	0.0	0.0	14.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Currently Refueling</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April 15, 1985
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370
UNIT McGuire 2
DATE 03/15/85
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

MONTH February, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>- - - -</u>	17	<u>- - - -</u>
2	<u>- - - -</u>	18	<u>- - - -</u>
3	<u>- - - -</u>	19	<u>- - - -</u>
4	<u>- - - -</u>	20	<u>- - - -</u>
5	<u>- - - -</u>	21	<u>- - - -</u>
6	<u>- - - -</u>	22	<u>- - - -</u>
7	<u>- - - -</u>	23	<u>- - - -</u>
8	<u>- - - -</u>	24	<u>- - - -</u>
9	<u>- - - -</u>	25	<u>- - - -</u>
10	<u>- - - -</u>	26	<u>- - - -</u>
11	<u>- - - -</u>	27	<u>- - - -</u>
12	<u>- - - -</u>	28	<u>- - - -</u>
13	<u>- - - -</u>	29	<u>- - - -</u>
14	<u>- - - -</u>	30	<u>- - - -</u>
15	<u>- - - -</u>	31	<u>- - - -</u>
16	<u>- - - -</u>		

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 3/15/85
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH February 1985

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
1	85-02-01	S	672.00	C	1		RC	FUELXX	End of Cycle 1 Refueling Outage

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: 3/15/85

NARRATIVE SUMMARY

Month: February 1985

The unit is continuing its end of cycle 1 refueling outage including the replacement of moisture separator reheater tube bundles and a main generator inspection.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2.
2. Scheduled next refueling shutdown: Currently Refueling.
3. Scheduled restart following refueling: _____.
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, as 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: 0.
(b) in the spent fuel pool: 253.
8. Present licensed fuel pool capacity: 1463.
Size of requested or planned increase: _____.
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991.

DUKE POWER COMPANY

Date: March 15, 1983.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure:

For the month of January, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

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