

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 06-14-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: May 1, 1985-May 31, 1985
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>3 623.0</u>	<u>30 671.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>2 514.9</u>	<u>20 678.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>2 494.3</u>	<u>20 456.8</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>-0-</u>	<u>6 736 582</u>	<u>53 540 882</u>
17. Gross Electrical Energy Generated (MWH)	<u>221</u>	<u>2 295 297</u>	<u>18 524 522</u>
18. Net Electrical Energy Generated (MWH)	<u>-3 317</u>	<u>2 188 829</u>	<u>17 564 084</u>
19. Unit Service Factor	<u>0.0</u>	<u>68.8</u>	<u>66.7</u>
20. Unit Availability Factor	<u>0.0</u>	<u>68.8</u>	<u>66.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>51.2</u>	<u>48.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>51.2</u>	<u>48.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.2</u>	<u>14.9</u>
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: June 9, 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. 50-369
 UNIT McGuire 1
 DATE 06/14/85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH May, 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. 50-369
 UNIT NAME McGuire Unit 1
 DATE 06-14-85
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH May 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
4	85-05-01	S	744.00	C	-		RC	FUELXX	End of Cycle 2 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: 50-369

UNIT: McGuire Unit 1

DATE: 06-14-85

NARRATIVE SUMMARY

Month: May 1985

McGuire Unit 1 remained in refueling throughout May.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
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, 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: August 1991

DUKE POWER COMPANY

Date: June 14, 1985

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 06-14-85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: May 1, 1985-May 31, 1985
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:
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>3 623.0</u>	<u>10 967.0</u>
12. Number Of Hours Reactor Was Critical	<u>603.4</u>	<u>1 198.3</u>	<u>7 336.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>530.8</u>	<u>1 125.7</u>	<u>7 216.7</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 613 921</u>	<u>3 562 167</u>	<u>22 932 838</u>
17. Gross Electrical Energy Generated (MWH)	<u>559 945</u>	<u>1 259 573</u>	<u>8 097 296</u>
18. Net Electrical Energy Generated (MWH)	<u>531 489</u>	<u>1 189 570</u>	<u>7 747 370</u>
19. Unit Service Factor	<u>71.3</u>	<u>31.1</u>	<u>65.8</u>
20. Unit Availability Factor	<u>71.3</u>	<u>31.1</u>	<u>65.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>60.5</u>	<u>27.8</u>	<u>59.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>60.5</u>	<u>27.8</u>	<u>59.9</u>
23. Unit Forced Outage Rate	<u>28.7</u>	<u>46.7</u>	<u>23.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Maintenance Outage - June 28, 1985 - 2 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
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370
 UNIT McGuire 2
 DATE 6/14/85
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH May, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	----	17	106
2	----	18	1 107
3	----	19	1 161
4	----	20	1 161
5	----	21	1 160
6	----	22	1 158
7	----	23	1 163
8	----	24	1 160
9	281	25	1 157
10	420	26	1 161
11	654	27	1 161
12	834	28	1 163
13	1 133	29	1 162
14	1 160	30	1 160
15	1 162	31	1 162
16	435		

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

Page 1 of 2

REPORT MONTH May 1985DOCKET NO. 50-370UNIT NAME McGuire Unit 2DATE 06-14-85COMPLETED BY J. A. KeavisTELEPHONE 704-373-7567

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
1K	85-05-01	F	136.92	A	-		SF	VALVEX	Repair Seat Leak on Safety Injection Isolation Valve (NI-9)
1L	85-05-06	F	24.00	A	-		CH	PUMPXX	Feedwater Pump Tripped During Startup
1M	85-05-07	F	24.00	A	2		CH	TURBIN	Feedwater Pump Tripped During Transfer from Auxiliary to Main Steam
4-p	85-05-08	F	--	F	-		ZZ	ZZZZZZ	Secondary Chemistry Hold
5-p	85-05-09	S	--	B	-		IB	INSTRU	Flux Mapping
6-p	85-05-09	F	--	A	-		ZZ	ZZZZZZ	Turbine Runback During Load Reduction to Perform Core Power Distribution Test
7-p	85-05-10	F	--	A	-		HA	INSTRU	Load Swing Due to Turbine Control Problems
8-p	85-05-10	F	--	D	-		RC	FUELXX	Quadrant Power Tilt Ratio Out-of-Limit
9-p	85-05-11	S	--	B	-		IB	INSTRU	Hold for Nuclear Instrumentation Calibrations
10-p	85-05-11	F	--	A	-		CH	PUMPXX	Feedwater Pump Control Oil Repairs

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

Page 2 of 2

REPORT MONTH May 1985

DOCKET NO. 50-370
 UNIT NAME McGuire Unit 2
 DATE 06-14-85
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

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
2	85-05-16	F	28.33	H	2		HJ	XXXXXX	Lost Generator Hydrogen While Attempting to Correct Unacceptable Hydrogen Purity
11-p	85-05-17	F	--	F	-		ZZ	ZZZZZZ	Secondary Chemistry Hold
12-p	85-05-18	S	--	F	-		ZZ	ZZZZZZ	Hold at Reduced Load for Dispatcher

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
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Exhibit I - Same Source

DOCKET NO: 50-370

UNIT: McGuire Unit 2

DATE: 06-14-85

NARRATIVE SUMMARY

Month: May 1985

McGuire Unit 2 was prevented from restart from their end of cycle 1 refueling outage due to valve repairs on May 1. Also during startup on May 5 and 6, the feedpumps tripped. The unit returned to service on May 8, and operated at 100% until May 16 when Generator Hydrogen was lost forcing a manual trip. The unit returned to service on May 17, and operated at 100% for the balance of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2
2. Scheduled next refueling shutdown: April 1986
3. Scheduled restart following refueling: June 1986
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: 60
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: June 14, 1985

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

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

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