

OPERATING DATA REPORT

DOCKET NO 50-249  
 DATE January 15, 1991  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: December 1, 1990-December 31, 1990
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): 1171
7. Maximum Dependable Capacity (Net MWe): 1129
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. Reason For Restrictions, If any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	8760.0	79632.0
12. Number Of Hours Reactor Was Critical	744.0	4807.8	55665.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	4721.9	55020.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2518560	14834829	166235562
17. Gross Electrical Energy Generated (MWH)	882442	4994758	57222435
18. Net Electrical Energy Generated (MWH)	848269	4733621	54620004
19. Unit Service Factor	100.0	53.9	69.1
20. Unit Availability Factor	100.0	53.9	69.1
21. Unit Capacity Factor (Using MDC Net)	101.0	47.9	59.3
22. Unit Capacity Factor (Using DER Net)	96.6	45.8	58.1
23. Unit Forced Outage Rate	0.0	18.0	12.9
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

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	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-369  
 UNIT McGuire 1  
 DATE January 15, 1990  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

MONTH December, 1990

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1136</u>	17	<u>1142</u>
2	<u>1140</u>	18	<u>1143</u>
3	<u>1140</u>	19	<u>1143</u>
4	<u>1140</u>	20	<u>1139</u>
5	<u>1141</u>	21	<u>1139</u>
6	<u>1139</u>	22	<u>1139</u>
7	<u>1134</u>	23	<u>1137</u>
8	<u>1142</u>	24	<u>1137</u>
9	<u>1142</u>	25	<u>1138</u>
10	<u>1143</u>	26	<u>1137</u>
11	<u>1143</u>	27	<u>1136</u>
12	<u>1143</u>	28	<u>1138</u>
13	<u>1144</u>	29	<u>1139</u>
14	<u>1143</u>	30	<u>1140</u>
15	<u>1141</u>	31	<u>1141</u>
16	<u>1143</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1990

DOCKET NO. 50-369  
 UNIT NAME MCGUIRE 1  
 DATE 01/15/91  
 COMPLETED BY S. W. MOSER  
 TELEPHONE (704)-373-5762

N O	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T- H O D O F S H U T D O W N R/X	L I C E N S E E V E N T R E P O R T N O.	(4) S Y S- T E M C O D E	(5) C O M P O N E N T C O D E	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
		NO	SHUTDOWNS	OR		REDUCTIONS			

(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-Operator 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: 1/15/91

NARRATIVE SUMMARY

MONTH: December 1990

McGuire Unit 1 began the month of December operating at 100% full power. The unit operated at 100% full power for the entire month, and ended the month operating at 100% full power.

NOTE: The narrative summary for McGuire Unit 1 for the month of November, 1990 contained an incorrect on-line date and time corresponding to a trip that occurred on 11/17. The unit was placed back on-line at 2027 on 11/17.

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: August 1991
3. Scheduled restart following refueling: November 1991
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?

5. Scheduled date(s) for submitting proposed licensing action and supporting information:
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

7. Number of fuel assemblies (a) in the core: 193  
(b) in the spent fuel pool: 443
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: March 2006

DUKE POWER COMPANY

DATE: January 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO 50-370

DATE January 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: December 1, 1990-December 31, 1990
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): 1171
7. Maximum Dependable Capacity (Net MWe): 1129
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. Reason For Restrictions, If any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744.0	8760.0	59928.0
12. Number Of Hours Reactor Was Critical	117.3	5937.3	44640.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	59.5	5874.7	43802.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	55107	19343521	142604791
17. Gross Electrical Energy Generated (MWH)	14546	6746540	49929201
18. Net Electrical Energy Generated (MWH)	-1874	6461549	47864446
19. Unit Service Factor	8.0	67.1	73.1
20. Unit Availability Factor	8.0	67.1	73.1
21. Unit Capacity Factor (Using MDC Net)	0.0	65.3	67.5
22. Unit Capacity Factor (Using DER Net)	0.0	62.5	67.7
23. Unit Forced Outage Rate	47.0	1.3	9.1
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

None

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
_____	_____
_____	_____
_____	_____

OPERATING DATA REPORT

DOCKET NO 50-370  
 UNIT McGuire 2  
 DATE January 15, 1990  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

MONTH December, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	12
14	0	30	223
15	0	31	262
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1990

DOCKET NO. 50-370  
 UNIT NAME MCGUIRE 2  
 DATE 01/15/91  
 COMPLETED BY S. W. MOSER  
 TELEPHONE (704)-373-5762

N O .	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		T Y P E		R E A S O N	M E T H O D O F S H U T D O W N R /X		S Y S T E M C O D E	C O M P O N E N T C O D E	
3	90-12- 1	S	631.70	B	--		HA	TURBIN	SCHEDULED OUTAGE EXTENSION DUE TO LOW PRESSURE TURBINE WORK
4	90-12-27	F	52.80	A	2		RB	CONROD	SHUTDOWN BANK 'E' DROPPED INTO CORE - REACTOR MANUALLY TRIPPED
27-P	90-12-29	S	--	B	--		IA	INSTRU	HOLDING POWER TO SET NUCLEAR INSTRUMENTATION REACTOR TRIP SETPOINT
28-P	90-12-30	S	--	B	--		IE	INSTRU	NUCLEAR INSTRUMENTATION PERFORMANCE TESTING
29-P	90-12-30	S	--	B	--		HG	HTEXCH	HOLDING POWER FOR SECONDARY SIDE BORON SOAK

(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-Operator 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: 1/15/91

#### NARRATIVE SUMMARY

MONTH: December 1990

McGuire Unit 2 began the month of December shut down for its end-of-cycle "6" refueling outage. The unit was placed on-line at 1230 on 12/29 to end this outage. The outage was extended approximately 37 days over its originally scheduled duration. Approximately 35 days of this extension were due to the low pressure turbine replacement. An additional delay in startup was due to control rod shutdown group "E" dropping into the core during zero power physics testing. The reactor was manually tripped at this event. After placing the unit on-line and beginning a load increase, the unit was held at approximately 10% power from 1345 to 2240 on 12/29 to set nuclear instrumentation reactor trip setpoint. The next hold was at approximately 15% power from 0222 to 0800 on 12/30 for nuclear instrumentation performance testing. The unit was then held at approximately 30% power from 1036 on 12/30 to 2133 on 12/31 for secondary side boron soak and nuclear instrumentation calibration. The unit was in a power increase from 30% power as the month ended.

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: December 1991
3. Scheduled restart following refueling: March 1992
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?

5. Scheduled date(s) for submitting proposed licensing action and supporting information:
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

7. Number of fuel assemblies (a) in the core: 193  
(b) in the spent fuel pool: 589
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: December 2003

DUKE POWER COMPANY

DATE: January 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567