

OPERATING DATA REPORT

DOCKET NO 50-369
 DATE July 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-375-5987

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: June 1, 1991-June 30, 1991
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 13054
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	720.0	4343.0	83975.0
12. Number Of Hours Real Was Critical	720.0	3816.1	59482.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	3801.2	58821.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2446944	12575237	178810795
17. Gross Electrical Energy Generated (MWH)	836137	4378340	61600775
18. Net Electrical Energy Generated (MWH)	807445	4207373	58795561
19. Unit Service Factor	100.0	87.5	70.1
20. Unit Availability Factor	100.0	87.5	70.1
21. Unit Capacity Factor (Using MDC Net)	99.3	85.8	60.6
22. Unit Capacity Factor (Using DER Net)	95.0	82.1	59.3
23. Unit Forced Outage Rate	0.0	12.5	12.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

Refueling - September 20, 1991 - 11 weeks

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 50-269
 UNIT McGuire 1
 DATE July 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-273-5987

MONTH June, 1991

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1126</u>
2	<u>1132</u>
3	<u>1129</u>
4	<u>1127</u>
5	<u>1119</u>
6	<u>1122</u>
7	<u>1113</u>
8	<u>1125</u>
9	<u>1127</u>
10	<u>1125</u>
11	<u>1130</u>
12	<u>1131</u>
13	<u>1127</u>
14	<u>1126</u>
15	<u>1127</u>
16	<u>1125</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1121</u>
18	<u>1122</u>
19	<u>1120</u>
20	<u>1115</u>
21	<u>1118</u>
22	<u>1117</u>
23	<u>1117</u>
24	<u>1110</u>
25	<u>1114</u>
26	<u>1117</u>
27	<u>1115</u>
28	<u>1116</u>
29	<u>1119</u>
30	<u>1112</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1991

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 07/15/91
 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	LICENSE EVENT REPORT NO.	(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	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		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: 7/15/91

NARRATIVE SUMMARY

MONTH: June 1991

McGuire Unit 1 began the month of June 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.

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

MONTHLY REFUELING INFORMATION REQUEST

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

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.

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).
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: July 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO. 50-370
DATE July 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 204-379-5987

1. Unit Name: McGuire 2
2. Reporting Period: June 1, 1991-June 30, 1991
3. Licensed Thermal Power (MWe): 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	720.0	4343.0	64271.0
12. Number Of Hours Reactor Was Critical	720.0	4343.0	48983.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	4343.0	48145.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2372591	14534904	157139695
17. Gross Electrical Energy Generated (MWH)	820487	5094491	55023692
18. Net Electrical Energy Generated (MWH)	788356	4905207	52769653
19. Unit Service Factor	100.0	100.0	74.9
20. Unit Availability Factor	100.0	100.0	74.9
21. Unit Capacity Factor (Using MDC Net)	97.0	100.0	71.6
22. Unit Capacity Factor (Using DFR Net)	92.8	95.7	69.6
23. Unit Forced Outage Rate	0.0	0.0	8.3
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 50-270
 UNIT McGuire 2
 DATE July 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-273-5987

MONTH June, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1135</u>	17	<u>1136</u>
2	<u>1139</u>	18	<u>1135</u>
3	<u>1138</u>	19	<u>1124</u>
4	<u>1136</u>	20	<u>1131</u>
5	<u>1130</u>	21	<u>1133</u>
6	<u>1135</u>	22	<u>1105</u>
7	<u>1131</u>	23	<u>1123</u>
8	<u>1130</u>	24	<u>264</u>
9	<u>1138</u>	25	<u>985</u>
10	<u>1138</u>	26	<u>1131</u>
11	<u>1141</u>	27	<u>1129</u>
12	<u>1140</u>	28	<u>1008</u>
13	<u>1138</u>	29	<u>1126</u>
14	<u>1138</u>	30	<u>1130</u>
15	<u>1130</u>		
16	<u>1138</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1991

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 07/15/91
 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	LICENSE EVENT REPORT NO.	(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	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
12-P	91- 6-24	F	--	A	--		HG	HTEXCH	MAIN CONDENSER TUBE LEAK
13-P	91- 6-28	F	--	H	--		ZZ	ELECON	LOSS OF ONE BUS LINE DURING RELAY TESTING
14-P	91- 6-28	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION

(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: 7/15/91

NARRATIVE SUMMARY

MONTH: June 1991

McGuire Unit 2 began the month of June operating at 100% full power. The unit operated at or near 100% full power until 2248 on 06/23, when a power reduction was commenced due to a main condenser tube leak. The unit reached 30% power at 0328 on 06/24. A power increase was begun at 2250 on 06/24, and the unit returned to 100% full power at 1157 on 06/25. The unit then operated at 100% full power until 0836 on 06/28, when the unit ran back to 50% power due to the loss of a main bus line during relay testing. The unit began a power increase at 1009 on 06/28, was held at approximately 65% power from 1126 to 1211 on 06/28 for nuclear instrumentation calibration, and returned to 100% full power at 0113 on 06/29. The unit operated at 100% full power for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

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

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.

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).
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