

OPERATING DATA REPORT

DOCKET NO 50-369
 DATE November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

OPERATING STATISTICS

1. Unit Name: McGuire 1
2. Reporting Period: October 1, 1991-October 31, 1991
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 MW): _____
10. Reason For Restrictions, if any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	745.0	7296.0	86928.0
12. Number Of Hours Reactor Was Critical	0.0	5767.2	1433.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator on-Line	0.0	5751.7	40771.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	19183999	185419561
17. Gross Electrical Energy Generated (MWH)	0	4505156	63827591
18. Net Electrical Energy Generated (MWH)	-3510	6342594	60930792
19. Unit Service Factor	0.0	78.8	69.9
20. Unit Availability Factor	0.0	76.8	69.9
21. Unit Capacity Factor (Using MDC Net)	0.0	77.0	60.7
22. Unit Capacity Factor (Using DCR Net)	0.0	73.7	59.4
23. Unit Forced Outage Rate	0.0	8.6	12.5

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Currently Refueling

25. If Shut down At End Of Report Period. Estimated Date of Startup: December 02, 1991
 26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-369
 UNIT McGuire 1
 DATE November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 204-373-5987

MONTH October, 1991

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1991

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 11/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5162

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
5	91-10- 1	S	745.00	C	1		RC	FUELXX	EOC-7 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-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 (N/REG-0161)

(5)
 Exhibit I - Same Source

DOCKET NO: 50-369

UNIT: McGuire 1

DATE: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

McGuire Unit 1 began the month of October shut down for its end-of-cycle '7' refueling outage. The unit remained in the outage for the entire month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: December 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: 519
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: November 15, 1991

Name of Contact: R. A. Williams Phone: 704-373-5987

OPERATING DATA REPORT

DOCKET NO 50-370

DATE November 15, 1991

COMPLETED BY R.B. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: October 1, 1991-October 31, 1991
3. Licensed Thermal Power (Mwt): 3911
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	745.0	7296.0	67284.0
12. Number Of Hours Reactor Was Critical	653.7	7137.1	51777.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	650.3	7128.4	50931.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2156131	23725957	164330740
17. Gross Electrical Energy Generated (MWH)	745642	3245601	58174802
18. Net Electrical Energy Generated (MWH)	712891	7925832	55790278
19. Unit Service Factor	87.3	97.7	75.3
20. Unit Availability Factor	97.3	97.7	75.8
21. Unit Capacity Factor (Using MDC Net)	84.8	96.2	72.4
22. Unit Capacity Factor (Using DER Net)	81.1	92.1	70.3
23. Unit Forced Outage Rate	12.7	2.3	8.2

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - January 9, 1992, 65 days

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 50-370
 UNIT McGuire 1
 DATE November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH October, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1127</u>	17	<u>1138</u>
2	<u>1126</u>	18	<u>1137</u>
3	<u>1126</u>	19	<u>1133</u>
4	<u>345</u>	20	<u>1136</u>
5	<u>0</u>	21	<u>1142</u>
6	<u>0</u>	22	<u>1143</u>
7	<u>0</u>	23	<u>1142</u>
8	<u>130</u>	24	<u>1065</u>
9	<u>1012</u>	25	<u>1125</u>
10	<u>1143</u>	26	<u>1138</u>
11	<u>1114</u>	27	<u>1138</u>
12	<u>1118</u>	28	<u>1138</u>
13	<u>1134</u>	29	<u>1138</u>
14	<u>1127</u>	30	<u>1140</u>
15	<u>1138</u>	31	<u>1142</u>
16	<u>1138</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1991

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 11/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
3	91-10- 4	F	94.73	A	1		SD	VALVEX	CONTAINMENT SPRAY SYSTEM VACUUM BREAKER CHECK VALVE LEAK RATE TESTING
22-P	91-10- 8	F	--	A	--		CG	ZZZZZZ	HOLD FOR CHEMISTRY
23-P	91-10-24	F	--	A	--		HA	INSTRU	TURBINE CONTROL SYSTEM 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-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: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

McGuire Unit 2 began the month of October operating at 100% full power. The unit operated at or near 100% full power until 0443 on 10/04, when a load reduction was commenced to take the unit off-line due to a potential containment leakage path through untested containment spray system valves. The unit was taken off-line at 1054 on 10/04. At 0938 on 10/08, the unit was placed back on-line. During the subsequent power increase, the unit was held at 30% power from 1215 to 2010 on 10/08 for chemistry. The unit reached 100% full power at 1740 on 10/09, and operated at or near 100% full power until 1030 on 10/24, when the digital electro-hydraulic computer indication for turbine governor valve #4 was lost. A load reduction was begun at 1340 on 10/24 to close this valve for repair. The unit reached 90% power at 1510 on 10/24. At 1530 a "mini-runback" to 70% power occurred due to the governor valve closing rapidly causing the steam dump to actuate. At 1745 on 10/24, a load increase was begun. The unit reached 100% full power at 0800 on 10/25, and operated at 100% full power for the remainder of the month.

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

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: 665
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: November 15, 1991

Name of Contact: R. A. Williams Phone: 704-373-5987