

OPERATING DATA REPORT

DOCKET NO 50-369
 DATE September 15, 1988
 COMPLETED BY T. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: August 1, 1988-August 31, 1988
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	5855.4	59183.0
12. Number Of Hours Reactor Was Critical	744.0	5774.4	42638.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	5762.3	42105.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2522007	19207946	124277530
17. Gross Electrical Energy Generated (MWH)	844237	6575214	42571371
18. Net Electrical Energy Generated (MWH)	817739	6330089	40995587
19. Unit Service Factor	100.0	98.4	71.1
20. Unit Availability Factor	100.0	98.4	71.1
21. Unit Capacity Factor (Using MDC Net)	96.5	95.8	59.4
22. Unit Capacity Factor (Using DER Net)	92.3	91.6	58.7
23. Unit Forced Outage Rate	0.0	1.6	11.6

24. Shutdown Scheduled Over Next 6 Month: (Type, Date, and Duration of Each):
Refueling - October 11, 1988 - 10 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	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-369
 UNIT McBuire 1
 DATE September 15, 1988
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

MONTH August, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1079</u>	17	<u>1092</u>
2	<u>1088</u>	18	<u>1104</u>
3	<u>1101</u>	19	<u>1106</u>
4	<u>1103</u>	20	<u>1081</u>
5	<u>1097</u>	21	<u>1076</u>
6	<u>1080</u>	22	<u>1075</u>
7	<u>1085</u>	23	<u>1079</u>
8	<u>1097</u>	24	<u>1082</u>
9	<u>1097</u>	25	<u>1079</u>
10	<u>1099</u>	26	<u>1082</u>
11	<u>1099</u>	27	<u>1084</u>
12	<u>1097</u>	28	<u>1098</u>
13	<u>1078</u>	29	<u>1105</u>
14	<u>1075</u>	30	<u>1104</u>
15	<u>1077</u>	31	<u>1104</u>
16	<u>1078</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 09/15/88
 COMPLETED BY J. A. REAVIS
 TELEPHONE (704)-373-7567

REPORT MONTH August 1988

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	MET- HOD OF SHUT DOWN R/X		SYS- TEM CODE	COMPONENT CODE	
30-p	88- 8- 8	F	--	H	--		IF	XXXXXX	CHANNEL 4 DELTA-TEMP AND AVG-TEMP IN TEST AND SPIKE OCCURRED ON A SECOND CHANNEL.

(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: 09/15/88

NARRATIVE SUMMARY

Month: August, 1988

McGuire Unit 1 began the month of August operating at 100% full power. On 8/08 at 0035, the unit experienced a Turbine runback to 97% power, due to a suspected spike on an instrument channel. The unit returned to 100% power at 0215, where it operated for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: October, 1988
3. Scheduled restart following refueling: December, 1988
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? _____

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).
7. Number of fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 293
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, 2010

DUKE POWER COMPANY

DATE: September 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO 50-270
 DATE September 15, 1988
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-273-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: August 1, 1988-August 31, 1988
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	5855.0	39479.0
12. Number Of Hours Reactor Was Critical	737.2	4384.6	28830.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	706.5	4311.7	28139.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2312603	14123240	91423193
17. Gross Electrical Energy Generated (MWH)	786154	4924538	32000341
18. Net Electrical Energy Generated (MWH)	756056	4724736	30660738
19. Unit Service Factor	95.0	73.6	71.3
20. Unit Availability Factor	95.0	73.6	71.3
21. Unit Capacity Factor (Using MDC Net)	90.0	71.5	67.0
22. Unit Capacity Factor (Using DER Net)	86.1	68.4	65.8
23. Unit Forced Outage Rate	5.0	1.5	13.1

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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-370
 UNIT McGuire 2
 DATE September 15, 1988
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

MONTH August, 1988

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	<u>209</u>	17	<u>1128</u>
2	<u>927</u>	18	<u>1123</u>
3	<u>1110</u>	19	<u>1119</u>
4	<u>1094</u>	20	<u>1103</u>
5	<u>915</u>	21	<u>1110</u>
6	<u>0</u>	22	<u>1126</u>
7	<u>463</u>	23	<u>1128</u>
8	<u>1078</u>	24	<u>1131</u>
9	<u>1079</u>	25	<u>1127</u>
10	<u>1099</u>	26	<u>1127</u>
11	<u>1112</u>	27	<u>1107</u>
12	<u>1113</u>	28	<u>1132</u>
13	<u>1112</u>	29	<u>1133</u>
14	<u>1111</u>	30	<u>1131</u>
15	<u>1113</u>	31	<u>1129</u>
16	<u>1132</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 09/15/88
 COMPLETED BY J. A. REAVIS
 TELEPHONE (704)-373-7557

REPORT MONTH August 1988

Page 1 of 2

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	MET- HOD OF SHUT DOWN R/X		SYS- TEM CODE	COMPONENT CODE	
5	88- 8- 1	F	10.45	A	1		HH	VALVEX	MANUAL TRIP - FAN FELL ON THE SOLENOID VALVE OF THE MAIN FEEDWATER REG VALVE (CF-32)
19-p	88- 8- 1	F	--	F	--		HG	XXXXXX	HOLD FOR SECONDARY CHEMISTRY
20-p	88- 8- 4	F	--	A	--		HJ	PUMPXX	REPAIR HEATER DRAIN PUMP SEAL
6	88- 8- 6	F	19.02	A	1		HA	XXXXXX	HIGH VIBRATIONS ON #11 BEARING
7	88- 8- 6	F	4.48	A	1		HA	XXXXXX	HIGH VIBRATION ON #11 BEARING
8	88- 8- 7	F	3.53	A	1		HA	XXXXXX	HIGH VIBRATIONS ON #11 BEARING
21-p	88- 8- 7	F	--	A	--		HH	PUMPXX	POWER HOLD DUE TO INABILITY TO RESET '2A' FEEDWATER PUMP
22-p	88- 8- 7	F	--	A	--		HJ	PUMPXX	'C' HEATER DRAIN TANK PUMP PROBLEMS

(1)
 F Forced
 S Scheduled

(2)
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or test
 C-Refueling
 D-Regulatory Restriction
 F-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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 09/15/88
 COMPLETED BY J. A. REAVIS
 TELEPHONE (704)-373-7567

REPORT MONTH August 1988

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
23-p	88- 8-15	F	--	A	--		EA	TURBIN	SUPERVISORY REMOVED FROM SERVICE AND TURBINE RUNBACK OCCURRED

(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: 09/15/88

NARRATIVE SUMMARY

Month: August, 1988

McGuire Unit 2 began the month of August in a Forced Outage caused by a failed closed Feedwater Regulating Valve. The unit returned to service at 1027 on 8/01, and reached 100% power on 8/02, following a hold for Secondary Chemistry at 30%. On 8/04 at 0910, the unit reduced power to 95% to repair a Heater Drain Pump seal. At 0132 on 8/06, while still at 95% power, the unit was removed from service due to high vibrations on an exciter bearing. The unit returned to service at 2033 on 8/06, and was subsequently removed from service at 2143 the same day, due to continued high vibrations. The unit then returned to service at 0212 on 8/07, and was again removed from service due to high bearing vibrations. The unit returned to service at 0628 on 8/07, and held power at 54% for Feedwater pump problems and reached 95% at 2258 on 8/07, where power was limited by Heater Drain Tank problems. The unit returned to 100% power on 8/10. On 8/15, the unit experienced a Turbine runback to 88% power when the Supervisory was removed from service for maintenance. The unit returned to 100% power at 1845 on 8/15, where it operated for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: July, 1989
3. Scheduled restart following refueling: October, 1989
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? _____

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).
7. Number of fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 518
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, 2010

DUKE POWER COMPANY

DATE: September 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567