

OPERATING DATA REPORT

DOCKET NO 50-369
 DATE April 15, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: March 1, 1992-March 31, 1992
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, NURES-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	2184.0	90576.0
12. Number of Hours Reactor Was Critical	744.0	1376.5	63370.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	1372.3	62653.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2438606	4468256	191453917
17. Gross Electrical Energy Generated (MWH)	853378	1560930	65920755
18. Net Electrical Energy Generated (MWH)	822616	1491331	62922384
19. Unit Service Factor	100.0	62.8	69.2
20. Unit Availability Factor	100.0	62.8	69.2
21. Unit Capacity Factor (Using MDC Net)	97.9	60.5	60.2
22. Unit Capacity Factor (Using DER Net)	93.7	57.9	58.9
23. Unit Forced Outage Rate	0.0	37.2	13.2

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 _____

9204210209 920415
 PDR AD JK 05000369
 R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT McGuire 1
 DATE April 15, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-372-5987

MONTH March, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1104</u>	17	<u>1117</u>
2	<u>857</u>	18	<u>1123</u>
3	<u>1095</u>	19	<u>1123</u>
4	<u>1103</u>	20	<u>1124</u>
5	<u>1103</u>	21	<u>1121</u>
6	<u>1102</u>	22	<u>1123</u>
7	<u>1102</u>	23	<u>1122</u>
8	<u>1102</u>	24	<u>1123</u>
9	<u>1102</u>	25	<u>1125</u>
10	<u>1104</u>	26	<u>1126</u>
11	<u>1105</u>	27	<u>1126</u>
12	<u>1106</u>	28	<u>1127</u>
13	<u>1111</u>	29	<u>1126</u>
14	<u>1108</u>	30	<u>1125</u>
15	<u>1108</u>	31	<u>1124</u>
16	<u>1107</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1992

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 04/15/92
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-373-8559

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
6-P	92- 3- 2	F	--	A	--		HH	INSTRU	FEEDWATER VALVE CONTROL AIR LINE LEAKAGE REPAIR

(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: 4/15/92

NARRATIVE SUMMARY

MONTH: March 1992

McGuire Unit 1 began the month of March at 96.6% due to over power delta temperature spiking problems. Unit started power decrease at 1435 on 3/2 and held at 63% power from 1525 to 1650 to repair a feedwater valve controller line leakage. Unit was returned to 96.6% at 0333 on 3/3. Unit reached 98% power at 0901 on 3/17. Unit remained at 98% power due to over power delta temperature for the remainder of the month.

Prepared by: N. C. Simmons
Telephone: 704-373-8559

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: February 1993
3. Scheduled restart following refueling: April 1993

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: April 15, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987

OPERATING DATA REPORT

DOCKET NO 50-370
 DATE April 15, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-372-5987

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: March 1, 1992-March 31, 1992
3. Licensed Thermal Power (MWe): 3411
4. Nameplate Rating (Gross MWe): 3054
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	2184.0	70872.0
12. Number Of Hours Reactor Was Critical	383.0	580.8	53782.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	395.0	533.8	52886.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	646822	1475129	172491559
17. Gross Electrical Energy Generated (MWH)	290748	520474	60351389
18. Net Electrical Energy Generated (MWH)	269199	478638	57859049
19. Unit Service Factor	43.2	24.4	74.6
20. Unit Availability Factor	45.2	24.4	74.6
21. Unit Capacity Factor (Using MDC Net)	32.1	19.4	71.3
22. Unit Capacity Factor (Using DER Net)	30.7	18.6	69.2
23. Unit Forced Outage Rate	13.4	8.9	8.1

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 April 15, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH March, 1992

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>145</u>
3	<u>0</u>	19	<u>76</u>
4	<u>0</u>	20	<u>358</u>
5	<u>0</u>	21	<u>192</u>
6	<u>0</u>	22	<u>574</u>
7	<u>0</u>	23	<u>921</u>
8	<u>0</u>	24	<u>1118</u>
9	<u>0</u>	25	<u>1134</u>
10	<u>0</u>	26	<u>1159</u>
11	<u>0</u>	27	<u>1160</u>
12	<u>0</u>	28	<u>1161</u>
13	<u>0</u>	29	<u>1160</u>
14	<u>0</u>	30	<u>1160</u>
15	<u>0</u>	31	<u>1160</u>
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1992

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 04/15/92
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-373-8559

NO.	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	
1	92- 3- 1	S	317.77	C	--		RC	FUELXX	END OF CYCLE 7 - REFUELING OUTAGE
2	92- 3-14	S	24.00	A	--		FD	VALVEX	1 DAY DELAY DUE TO VALVE FAILURE DELAYING FUEL TRANSFER
3	92- 3-15	S	6.23	A	--		CH	PUMPXX	6 HOUR DELAY DUE TO AUXILIARY FEEDWATER PUMP BEARING REPAIRS
4	92- 3-15	S	7.00	A	--		CA	INSTRU	7 HOUR DELAY DUE TO REACTOR VESSEL INSTRUMENTATION SYSTEM LEAKAGE
5	92- 3-15	F	41.73	A	--		CB	PUMPXX	2.5 DAY DELAY DUE TO REACTOR COOLANT PUMP BUSSBAR REPAIRS
2-P	92- 3-17	S	--	B	--		HA	TURBIN	TURBINE SOAK FOR OVERSPEED TEST
6	92- 3-18	S	0.80	B	2		HA	TURBIN	TURBINE OVERSPEED TRIP TEST
3-P	92- 3-18	S	--	B	--		IA	INSTRU	SET REACTOR TRIP SETPOINTS

(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 (LEK)
 File (NUREG-0161)

(5)
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1992

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 04/15/92
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-373-8559

NO.	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		TYPE		REASON	METHOD OF SHUT DOWN R/X		SYS- TEM CODE	COMPONENT CODE	
4-P	92- 3-18	S	--	B	--		IA	INSTRU	SET INTERMEDIATE RANGE CHANNEL SETPOINTS
5-P	92- 3-19	S	--	A	--		CH	HTEXCH	"B" STEAM GENERATOR FLOW GAGE
6-P	92- 3-20	S	--	B	--		IA	INSTRU	POWER RANGE NUCLEAR INSTRUMENTATION CALIBRATIONS
7	92- 3-21	F	10.43	A	3		HH	HTEXCH	TRIP DUE TO "C" STEAM GENERATOR LEVEL FAILURE
7-P	92- 3-22	F	--	B	--		HG	XXXXXX	CHEMISTRY
8-P	92- 3-22	F	--	A	--		HH	VALVEX	"A" FEEDWATER PUMP RECIRC VALVE
9-P	92- 3-22	S	--	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

UNIT: McGuire 2

DATE: 4/15/92

NARRATIVE SUMMARY

MONTH: March 1992

McGuire Unit 2 began the month of March shut down for its end-of-cycle "7" refueling outage. The unit was placed on-line at 1244 on 3/17 to end the refueling outage. The unit was held at approximately 15% power from 1630 to 0113 on 3/18 for a turbine soak prior to the turbine overspeed trip test. The unit was manually tripped at 0212 on 3/18 for the test and was placed back on-line at 0300 on 3/18. The unit was held at approximately 12% power from 0402 to 0615 on 3/18 to set the reactor trip setpoints. Unit held at approximately 17% power from 1000 to 2352 on 3/18 to set intermediate range channel setpoints. Unit decrease and held at approximately 7% power from 0100 on 3/19 to 1751 due to "B" steam generator flow gage problems. During power escalation, unit held at 30% power from 0210 to 1734 on 3/20 for power range nuclear instrumentation calibrations. At 0609 on 3/21 unit tripped due to "C" steam generator level failure, the unit was placed on-line at 1635. During power escalation, unit was held at 30% for feedwater chemistry. Unit was held at 43% power from 0915 to 1005 on 3/22 due to "A" feedwater pump recirculation valve problems. Unit held at 79% power from 2228 to 1639 on 3/23 for nuclear instrumentation calibrations. Unit held at 90% power from 2158 to 0019 on 3/24 for nuclear instrumentation calibrations. Unit held at 95% power from 0138 to 0232 for nuclear instrumentation calibrations. Unit held power at 99% power from 0343 to 1721 on 3/25 for nuclear instrumentation calibrations. Unit reached 100% power at 1838 on 3/25. Unit remained at 100% for the remainder of the month.

Prepared by: N. C. Simmons
Telephone: 704-373-8559

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: May 1993
3. Scheduled restart following refueling: July 1993

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: 741
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: April 15, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987