

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-369

DATE June 13, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: McGuire 1
2. Reporting Period: May 1, 1997-May 31, 1997
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	3623.0	135863.0
12. Number Of Hours Reactor Was Critical	333.0	1399.5	97791.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	248.7	1308.4	96699.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	543543	4031255	304851317
17. Gross Electrical Energy Generated (MWH)	172769	1383501	104673620
18. Net Electrical Energy Generated (MWH)	148377	1303597	100029453
19. Unit Service Factor	33.4	36.1	71.2
20. Unit Availability Factor	33.4	36.1	71.2
21. Unit Capacity Factor (Using MDC Net)	17.7	31.9	64.3
22. Unit Capacity Factor (Using DER Net)	16.9	30.5	62.4
23. Unit Forced Outage Rate	13.3	2.8	12.7

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 June 13, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH May, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>100</u>
21	<u>215</u>
22	<u>214</u>
23	<u>285</u>
24	<u>7</u>
25	<u>651</u>
26	<u>1003</u>
27	<u>1122</u>
28	<u>1121</u>
29	<u>1142</u>
30	<u>224</u>
31	<u>601</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1997DOCKET NO. 50-369UNIT NAME MCGUIRE 1DATE 06/13/97COMPLETED BY R. A. WilliamsTELEPHONE (704)-382-5346

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
1	97- 5- 1	S	444.58	C	--		RC	FUELXX	END-OF-CYCLE 11 REFUELING OUTAGE
2	97- 5-19	S	12.43	B	--		HA	TURBIN	TURBINE OVERSPEED TRIP TEST
2-P	97- 5-20	S	--	A	--		HG	XXXXXX	HOLDING AT 30% POWER SECONDARY CHEMISTRY
3-P	97- 5-23	S	--	B	--		HA	ZZZZZZ	UNIT LOAD TRANSIENT TEST
4-P	97- 5-23	S	--	B	--		HA	TRANSF	UNIT LOAD TRANSIENT TEST
3	97- 5-24	F	17.00	A	--		HA	TURBIN	HIGH PRESSURE TURBINE LEAK
5-P	97- 5-25	S	--	B	--		HA	TRANSF	HOLDING AT 78% POWER TO PERFORM UNIT LOAD TRANSIENT TEST
4	97- 5-30	F	21.27	A	--		HA	VALVEX	"1C2" TURBINE INTERCEPT VALVE OIL LEAK

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: June 1998
3. Scheduled restart following refueling: July 1998

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: 791
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 license capacity:
November 2005

DUKE POWER COMPANY

DATE: June 13, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 369

UNIT: McGuire 1

Date: 06/13/97

NARRATIVE SUMMARY

MONTH: May, 1997

McGuire Unit 1 began the month of May in end-of-cycle 11 refueling and steam generator replacement outage. The refueling and steam generator replacement outage has spanned a total of 94.33 days and was scheduled for 100 days. On 05/19/97 at 1235 the unit was placed on-line. The turbine overspeed trip test was performed on 05/19/97 at 1735. The unit returned to service on 05/20/97 at 0602. During power escalation, the unit held at 30% power from 05/20/97 at 1701 to 05/23/97 at 0353 for secondary chemistry and testing. The unit held at 38% power and 26% power from 05/23/97 at 0822 to 2130 and from 2150 to 2211 due to unit load transient testing. The unit was removed from service on 05/24/97 at 0134 due to high pressure turbine leak. The unit was placed on-line on 05/24/97 at 1834. The unit increased to 78% power and held from 05/25/97 at 1818 to 05/26/97 at 0145 due to unit load transient testing. On 05/30/97 at 0521 rapid down-power initiated and the unit was taken off-line at 0526 due to "1C2" turbine intercept valve oil leak. The unit returned to service on 05/31/97 at 0242. The unit returned to 100% full power on 05/31/97 at 2306 and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams
Telephone: (704) - 382-5346

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-370

DATE June 13, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: McGuire 2
2. Reporting Period: May 1, 1997-May 31, 1997
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	3623.0	116159.0
12. Number Of Hours Reactor Was Critical	744.0	3623.0	91965.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	3623.0	90899.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2532085	11768046	298870956
17. Gross Electrical Energy Generated (MWH)	881558	4096959	104169994
18. Net Electrical Energy Generated (MWH)	849458	3941884	99910129
19. Unit Service Factor	100.0	100.0	78.3
20. Unit Availability Factor	100.0	100.0	78.3
21. Unit Capacity Factor (Using MDC Net)	101.1	96.4	75.5
22. Unit Capacity Factor (Using DER Net)	96.8	92.2	72.9
23. Unit Forced Outage Rate	0.0	0.0	7.0

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

Refueling and Steam Generator Replacement - September 27, 1997 - 90 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 2
DATE June 13, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH May, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>1148</u>	17	<u>1144</u>
2	<u>1145</u>	18	<u>1143</u>
3	<u>1144</u>	19	<u>1145</u>
4	<u>1142</u>	20	<u>1144</u>
5	<u>1142</u>	21	<u>1141</u>
6	<u>1143</u>	22	<u>1129</u>
7	<u>1141</u>	23	<u>1137</u>
8	<u>1144</u>	24	<u>1143</u>
9	<u>1146</u>	25	<u>1146</u>
10	<u>1144</u>	26	<u>1142</u>
11	<u>1145</u>	27	<u>1133</u>
12	<u>1147</u>	28	<u>1130</u>
13	<u>1146</u>	29	<u>1136</u>
14	<u>1144</u>	30	<u>1136</u>
15	<u>1143</u>	31	<u>1137</u>
16	<u>1145</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370

UNIT NAME MCGUIRE 2

DATE 06/13/97

REPORT MONTH May 1997

COMPLETED BY R. A. Williams

TELEPHONE (704)-382-5346

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		REDUCTION	S		

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: September 1997
3. Scheduled restart following refueling: December 1997

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: 969
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 license capacity:
June 2003

DUKE POWER COMPANY

DATE: June 13, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 370

UNIT: McGuire 2

Date: 06/13/97

NARRATIVE SUMMARY

MONTH: May, 1997

McGuire Unit 2 began the month of May operating at 100% full power. The unit operated at or near 100% full power for the entire month.

Prepared by: R. A. Williams
Telephone: (704) - 382-5346