

OPERATING DATA REPORT

DOCKET NO 50-365  
 DATE December 15, 1997  
 COMPLETED BY E.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGwire 1
2. Reporting Period: November 1, 1997-November 30, 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	720.0	8016.0	140256.0
12. Number Of Hours Reactor Was Critical	720.0	5737.1	102129.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5619.5	101011.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2468702	18633714	319453776
17. Gross Electrical Energy Generated (MWH)	862589	5415696	109705815
18. Net Electrical Energy Generated (MWH)	830586	6143195	104869051
19. Unit Service Factor	100.0	70.1	72.0
20. Unit Availability Factor	100.0	70.1	72.0
21. Unit Capacity Factor (Using MDC Net)	102.2	67.9	65.3
22. Unit Capacity Factor (Using DER Net)	97.8	65.0	63.4
23. Unit Forced Outage Rate	0.0	2.1	12.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - May 29, 1998</u>			

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

9712190014 971215  
 PDR ADOCK 05000369  
 R PDR

OPERATING DATA REPORT

DOCKET NO 50-369  
 UNIT McGuire 1  
 DATE December 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-362-5246

MONTH November, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1149</u>	17	<u>1153</u>
2	<u>1151</u>	18	<u>1155</u>
3	<u>1149</u>	19	<u>1155</u>
4	<u>1149</u>	20	<u>1157</u>
5	<u>1149</u>	21	<u>1156</u>
6	<u>1149</u>	22	<u>1156</u>
7	<u>1150</u>	23	<u>1156</u>
8	<u>1151</u>	24	<u>1156</u>
9	<u>1152</u>	25	<u>1157</u>
10	<u>1152</u>	26	<u>1159</u>
11	<u>1152</u>	27	<u>1157</u>
12	<u>1152</u>	28	<u>1158</u>
13	<u>1152</u>	29	<u>1158</u>
14	<u>1153</u>	30	<u>1157</u>
15	<u>1154</u>		
16	<u>1154</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1997

DOCKET NO. 50-369  
 UNIT NAME MCGUIRE 1  
 DATE 12/15/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

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
		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: 50 - 369

UNIT: McGuire 1

Date: 12/15/97

#### NARRATIVE SUMMARY

MONTH: November, 1997

McGuire Unit 1 began the month of November 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



OPERATING DATA REPORT

DOCKET NO 50-370

DATE December 15, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: November 1, 1997-November 30, 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 Reason: \_\_\_\_\_

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	8016.0	120552.0
12. Number Of Hours Reactor Was Critical	0.0	5945.2	94287.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5900.6	93176.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	19325471	306428381
17. Gross Electrical Energy Generated (MWH)	0	6663545	106736580
18. Net Electrical Energy Generated (MWH)	-2812	6386925	102355170
19. Unit Service Factor	0.0	73.6	77.3
20. Unit Availability Factor	0.0	73.6	77.7
21. Unit Capacity Factor (Using MDC Net)	0.0	70.6	74.6
22. Unit Capacity Factor (Using DER Net)	0.0	67.5	72.0
23. Unit Forced Outage Rate	0.0	10.6	7.5

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

Currently Refueling and Steam Generator Replacement Outage

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 17, 1997

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

OPERATING DATA REPORT

DOCKET NO 50-370  
 UNIT McGuire 2  
 DATE December 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH November, 1997

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1997

DOCKET NO. 50-370  
 UNIT NAME MCGUIRE 2  
 DATE 12/15/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SETTLE DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4	97-11- 1	S	720.00	C	--		RC	FUELXX	END-OF-CYCLE 11 REFUELING OUTAGE AND STEAM GENERATOR REPLACEMENT 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 (NUREG-0161)

(5)  
Exhibit I - Same Source



DOCKET: 50 - 370

UNIT: McGuire 2

Date: 12/15/97

#### NARRATIVE SUMMARY

MONTH: November, 1997

McGuire Unit 2 began the month of November in end-of-cycle 11 refueling and steam generator replacement outage. The unit was in the refueling and steam generator replacement outage the remainder of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
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: 1037
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: December 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346