

OPERATING DATA REPORT

DOCKET NO 50-369  
 DATE February 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-302-5346

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: January 1, 1998-January 31, 1998
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): 1100
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	744.0	141744.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	103617.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	102499.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2530756	2530756	324529797
17. Gross Electrical Energy Generated (MWH)	893719	893719	111491953
18. Net Electrical Energy Generated (MWH)	863278	863278	106593580
19. Unit Service Factor	100.0	100.0	72.3
20. Unit Availability Factor	100.0	100.0	72.3
21. Unit Capacity Factor (Using MDC Net)	105.5	105.5	65.7
22. Unit Capacity Factor (Using DER Net)	98.3	98.3	63.7
23. Unit Forced Outage Rate	0.0	0.0	12.2
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - May 29, 1998 - 35 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  
 ELECTRICITY  
 OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

9802200214 980213  
 PDR ADOCK 05000369  
 R PDR

OPERATING DATA REPORT

DOCKET NO 50-369  
 UNIT McGuire 1  
 DATE February 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH January, 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1160</u>	17	<u>1163</u>
2	<u>1161</u>	18	<u>1164</u>
3	<u>1108</u>	19	<u>1162</u>
4	<u>1162</u>	20	<u>1162</u>
5	<u>1162</u>	21	<u>1163</u>
6	<u>1161</u>	22	<u>1163</u>
7	<u>1163</u>	23	<u>1163</u>
8	<u>1164</u>	24	<u>1163</u>
9	<u>1163</u>	25	<u>1164</u>
10	<u>1161</u>	26	<u>1163</u>
11	<u>1162</u>	27	<u>1163</u>
12	<u>1161</u>	28	<u>1164</u>
13	<u>1162</u>	29	<u>1158</u>
14	<u>1161</u>	30	<u>1159</u>
15	<u>1161</u>	31	<u>1162</u>
16	<u>1162</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1998

DOCKET NO. 50-369  
 UNIT NAME MCGUIRE 1  
 DATE 02/13/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-282-5346

NO	DATE	(1)	DURATION HOURS	(2)	(3) MET- HOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		TYPE		REASON			SYS- TEM CODE	COMPONENT CODE	
		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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1
2. Scheduled next refueling shutdown: May 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

LUKE POWER COMPANY

DATE: February 13, 1998

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 369

UNIT: McGuire 1

Date: 02/13/98

#### NARRATIVE SUMMARY

MONTH: January, 1998

McGuire Unit 1 began the month of January 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 February 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: January 1, 1998-January 31, 1998
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): 1100
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	744.0	122040.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	95390.3
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	94234.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2531723	2531723	309775709
17. Gross Electrical Energy Generated (MWH)	895142	895142	107910550
18. Net Electrical Energy Generated (MWH)	864364	864364	103478234
19. Unit Service Factor	100.0	100.0	77.2
20. Unit Availability Factor	100.0	100.0	77.2
21. Unit Capacity Factor (Using MDC Net)	105.6	105.6	74.5
22. Unit Capacity Factor (Using DER Net)	98.5	98.5	71.9
23. Unit Forced Outage Rate	0.0	0.0	7.4
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 February 13, 1998  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH January, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1142</u>	17	<u>1164</u>
2	<u>1153</u>	18	<u>1164</u>
3	<u>1162</u>	19	<u>1164</u>
4	<u>1164</u>	20	<u>1164</u>
5	<u>1164</u>	21	<u>1164</u>
6	<u>1163</u>	22	<u>1163</u>
7	<u>1164</u>	23	<u>1163</u>
8	<u>1164</u>	24	<u>1163</u>
9	<u>1164</u>	25	<u>1164</u>
10	<u>1163</u>	26	<u>1162</u>
11	<u>1163</u>	27	<u>1161</u>
12	<u>1162</u>	28	<u>1162</u>
13	<u>1163</u>	29	<u>1161</u>
14	<u>1162</u>	30	<u>1161</u>
15	<u>1161</u>	31	<u>1161</u>
16	<u>1163</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1998

DOCKET NO. 50-370  
 UNIT NAME MCGUIRE 2  
 DATE 02/13/98  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

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	
		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: February 1999
3. Scheduled restart following refueling: March 1999

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 related 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: February 13, 1998

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 370

UNIT: McGuire 2

Date: 02/13/98

#### NARRATIVE SUMMARY

MONTH: January, 1998

McGuire Unit 2 began the month of January holding at approximately 98% full power due to nuclear instrumentation calibration. On 01/02/98 at 1105 the unit resume power escalation. The unit returned to 100% full power on 01/02/98 at 1205 and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams  
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