

OPERATING DATA REPORT

DOCKET NO 50-369  
 DATE March 15, 1996  
 COMPLETED BY S.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: February 1, 1996-February 29, 1996
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	696.0	1440.0	124896.0
12. Number Of Hours Reactor Was Critical	669.8	861.5	89300.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	638.7	769.8	88301.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2060351	2468869	277222971
17. Gross Electrical Energy Generated (MWH)	741663	849154	95224434
18. Net Electrical Energy Generated (MWH)	712770	806989	90974560
19. Unit Service Factor	91.8	53.5	70.7
20. Unit Availability Factor	91.8	53.5	70.7
21. Unit Capacity Factor (Using MDC Net)	90.7	49.6	63.5
22. Unit Capacity Factor (Using DER Net)	86.8	47.5	61.7
23. Unit Forced Outage Rate	8.2	6.9	13.5
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):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-369  
 UNIT McGuire 1  
 DATE March 15, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH February, 1996

<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>1144</u>
2	<u>1144</u>	18	<u>1144</u>
3	<u>669</u>	19	<u>1145</u>
4	<u>0</u>	20	<u>1145</u>
5	<u>584</u>	21	<u>1145</u>
6	<u>1137</u>	22	<u>1145</u>
7	<u>1140</u>	23	<u>1145</u>
8	<u>1142</u>	24	<u>1145</u>
9	<u>1142</u>	25	<u>1145</u>
10	<u>218</u>	26	<u>1145</u>
11	<u>825</u>	27	<u>1145</u>
12	<u>1140</u>	28	<u>1144</u>
13	<u>1142</u>	29	<u>1141</u>
14	<u>1144</u>		
15	<u>1145</u>		
16	<u>1143</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369  
 UNIT NAME MCGUIRE I  
 DATE 03/15/96  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH February 1996

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
3	96- 2- 3	F	37.22	A	2		CB	PUMPXX	UNIT MANUALLY TRIPPED DUE TO REACTOR COOLANT PUMP '1A' BEARING COOLING
6-P	96- 2- 5	S	--	A	--		HG	XXXXXX	SECONDARY CHEMISTRY
7-P	96- 2- 5	F	--	A	--		SA	XXXXXX	CONTAINMENT GAS ALARM
8-P	96- 2- 5	F	--	A	--		IA	INSTRU	NUCLEAR INSTRUMENTATION ADJUSTMENTS
4	96- 2-10	F	20.12	A	--		HA	TURBIN	TURBINE/GENERATOR HYDROGEN LEAK (REACTOR CRITICAL)

(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: 03/15/96

### NARRATIVE SUMMARY

MONTH: February, 1996

McGuire Unit 1 began the month of February in operating at 100% full power. The unit operated at or near 100% full power until 02/03/96 at 1419, when the reactor was manually tripped at approximately 60% power due to loss of component cooling for bearing cooling to reactor coolant pump '1A'. The unit was placed on-line 02/05/96 at 0332. During power escalation, the unit held at 30% power on 02/05/96 from 0530 to 0928 due to secondary chemistry. The unit held at 32% power from 0933 to 1014 due to containment gas trip II alarm. The unit held at 50% power from 1150 to 1246 due to nuclear instrumentation adjustments. On 02/10/96 at 0330 the unit began reducing load and the turbine/generator was removed from service at 0653 due to a turbine/generator hydrogen leak (Reactor remained critical at approximately 12% power). The unit was placed on-line 02/11/96 at 0300. The unit returned to 100% full power on 02/11/96 at 1240 and operated at or near 100% the remainder of the month.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: February 1997
3. Scheduled restart following refueling: May 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: 723
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: March 2006\*\*\*

DUKE POWER COMPANY

DATE: March 15, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

OPERATING DATA REPORT

DOCKET NO 50-370  
 DATE March 15, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: February 1, 1996-February 29, 1996
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.

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9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
  10. Reason For Restrictions, If any: \_\_\_\_\_
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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	696.0	1440.0	105192.0
12. Number Of Hours Reactor Was Critical	696.0	1440.0	83195.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	696.0	1440.0	82170.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2366757	4892864	270132513
17. Gross Electrical Energy Generated (MWH)	827826	1710592	94213868
18. Net Electrical Energy Generated (MWH)	798813	1649526	90361883
19. Unit Service Factor	100.0	100.0	78.1
20. Unit Availability Factor	100.0	100.0	78.1
21. Unit Capacity Factor (Using MDC Net)	101.7	101.5	75.3
22. Unit Capacity Factor (Using DER Net)	97.3	97.1	72.8
23. Unit Forced Outage Rate	0.0	0.0	6.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - April 05, 1996 - 45 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 March 15, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH February, 1996

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1145</u>	17	<u>1149</u>
2	<u>1140</u>	18	<u>1149</u>
3	<u>1143</u>	19	<u>1149</u>
4	<u>1142</u>	20	<u>1150</u>
5	<u>1146</u>	21	<u>1150</u>
6	<u>1148</u>	22	<u>1150</u>
7	<u>1148</u>	23	<u>1150</u>
8	<u>1149</u>	24	<u>1150</u>
9	<u>1150</u>	25	<u>1149</u>
10	<u>1148</u>	26	<u>1150</u>
11	<u>1148</u>	27	<u>1149</u>
12	<u>1147</u>	28	<u>1149</u>
13	<u>1148</u>	29	<u>1147</u>
14	<u>1149</u>		
15	<u>1149</u>		
16	<u>1147</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370  
 UNIT NAME MCGUIRE 2  
 DATE 03/15/96  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH February 1996

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		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



DOCKET: 50 - 370

UNIT: McGuire 2

Date: 03/15/96

#### NARRATIVE SUMMARY

MONTH: February, 1996

McGuire Unit 2 began the month of February 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

