

OPERATING DATA REPORT

DOCKET NO 50-369
 DATE December 13, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: November 1, 1996-November 30, 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	720.0	8040.0	131496.0
12. Number Of Hours Reactor Was Critical	486.1	7208.7	95648.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	485.7	7115.9	94647.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1363900	23696731	298450833
17. Gross Electrical Energy Generated (MWH)	467128	8095989	102471269
18. Net Electrical Energy Generated (MWH)	439957	7771412	97938983
19. Unit Service Factor	67.5	88.5	72.0
20. Unit Availability Factor	67.5	88.5	72.0
21. Unit Capacity Factor (Using MDC Net)	54.1	85.6	65.0
22. Unit Capacity Factor (Using DER Net)	51.8	81.9	63.1
23. Unit Forced Outage Rate	32.5	4.2	12.9

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

Refueling and Steam Generator Replacement - February 07, 1997 - 100 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 50-369
UNIT McGuire 1
DATE December 13, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH November, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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>15</u>
11	<u>890</u>
12	<u>1130</u>
13	<u>1133</u>
14	<u>1134</u>
15	<u>1134</u>
16	<u>1135</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1136</u>
18	<u>1137</u>
19	<u>1136</u>
20	<u>1136</u>
21	<u>1136</u>
22	<u>1129</u>
23	<u>1101</u>
24	<u>1139</u>
25	<u>1139</u>
26	<u>1139</u>
27	<u>208</u>
28	<u>152</u>
29	<u>152</u>
30	<u>149</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1996

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 12/13/96
 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
5	96-11- 1	F	234.30	D	--		ED	BATTRY	VITAL BATTERY INOPERABLE DUE TO FAILED DISCHARGE TEST
12-P	96-11-11	F	--	A	--		HB	VALVEX	EVALUATE MOISTURE SEPARATOR REHEATER CHECK VALVE
13-P	96-11-27	F	--	A	--		SD	VALVEX	STEAM GENERATOR "D" FEEDWATER CONTAINMENT ISOLATION VALVE 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: 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: December 13, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 369

UNIT: McGuire 1

Date: 12/13/96

NARRATIVE SUMMARY

MONTH: November, 1996

McGuire Unit 1 began the month of November in an outage due to the vital battery bank was declared inoperable due to failed discharge test (not enough replacement battery cells onsite). The unit returned to service on 11/10/96 at 1820. During power escalation, the unit held at 82% power from 11/11/96 at 0740 to 1425 to evaluate moisture separator reheater check valve. On 11/27/96 at 0055 the unit began rapid down power due to hydraulic fluid leak on steam generator "D" feedwater containment isolation valve and held at 22% full power from 11/27/96 at 0140 to the end of the month.

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

OPERATING DATA REPORT

DOCKET NO 50-370
DATE December 13, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: November 1, 1996-November 30, 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-C020.

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	8040.0	111792.0
12. Number Of Hours Reactor Was Critical	452.6	5842.9	87598.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	447.4	5801.3	86532.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1487425	19333868	284573517
17. Gross Electrical Energy Generated (MWH)	518173	6684056	99187332
18. Net Electrical Energy Generated (MWH)	492240	6401647	95114004
19. Unit Service Factor	62.1	72.2	77.4
20. Unit Availability Factor	62.1	72.2	77.4
21. Unit Capacity Factor (Using MDC Net)	60.6	70.5	74.7
22. Unit Capacity Factor (Using DER Net)	57.9	67.5	72.1
23. Unit Forced Outage Rate	37.9	18.2	7.3
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

Forecast	Achieved
_____	_____
_____	_____
_____	_____

OPERATING DATA REPORT

DOCKET NO 50-370
 UNIT McGuire 2
 DATE December 13, 1996
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH November, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

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>246</u>
13	<u>1103</u>
14	<u>1127</u>
15	<u>1124</u>
16	<u>1137</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1139</u>
18	<u>1141</u>
19	<u>1141</u>
20	<u>1140</u>
21	<u>1142</u>
22	<u>1144</u>
23	<u>1146</u>
24	<u>1147</u>
25	<u>1147</u>
26	<u>1146</u>
27	<u>1145</u>
28	<u>1147</u>
29	<u>1147</u>
30	<u>1148</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1996

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 12/13/96
 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
4	96-11- 1	F	272.65	D	--		ED	BATTERY	VITAL BATTERY INOPERABLE DUE TO FAILED DISCHARGE TEST

(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: January 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: 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:
December 2003

DUKE POWER COMPANY

DATE: December 13, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 370

UNIT: McGuire 2

Date: 12/13/96

NARRATIVE SUMMARY

MONTH: November, 1996

McGuire Unit 2 began the month of November in an outage due to the vital battery bank was declared inoperable due to failed discharge test (not enough replacement battery cells onsite). The unit returned to service on 11/12/96 at 0839. The unit returned to approximately 100% full power on 11/13/96 at 1800, and operated at or near 100% full power the remainder of the month.

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