

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-369

DATE January 15, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: McGuire 1
2. Reporting Period: December 1, 1996-December 31, 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	744.0	8784.0	132240.0
12. Number Of Hours Reactor Was Critical	744.0	7952.7	96392.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	7859.9	95391.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MMH)	2369229	26065960	300820062
17. Gross Electrical Energy Generated (MMH)	818850	8914839	103290119
18. Net Electrical Energy Generated (MMH)	786873	8558285	98725856
19. Unit Service Factor	100.0	39.5	72.1
20. Unit Availability Factor	100.0	89.5	72.1
21. Unit Capacity Factor (Using MDC Net)	93.7	86.3	65.2
22. Unit Capacity Factor (Using DER Net)	89.6	82.6	63.3
23. Unit Forced Outage Rate	0.0	3.8	12.9

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

Refueling & Steam Generator Replacement - February 14, 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 January 15, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH December, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>190</u>
2	<u>216</u>
3	<u>454</u>
4	<u>1130</u>
5	<u>1138</u>
6	<u>1139</u>
7	<u>1139</u>
8	<u>1139</u>
9	<u>1139</u>
10	<u>1138</u>
11	<u>1139</u>
12	<u>1139</u>
13	<u>1139</u>
14	<u>1139</u>
15	<u>1139</u>
16	<u>1138</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1140</u>
18	<u>1141</u>
19	<u>1142</u>
20	<u>1142</u>
21	<u>1142</u>
22	<u>1143</u>
23	<u>1143</u>
24	<u>1144</u>
25	<u>1143</u>
26	<u>1142</u>
27	<u>1142</u>
28	<u>1143</u>
29	<u>1143</u>
30	<u>1142</u>
31	<u>1142</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1996DOCKET NO. 50-369UNIT NAME MCGUIRE IDATE 01/15/97COMPLETED 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
13-P	96-12- 1	F	--	A	--		SD	VALVEX	STEAM GENERATOR "D" FEEDWATER CONTAINMENT ISOLATION VALVE LEAK
14-P	96-12- 1	F	--	A	--		SD	VALVEX	STEAM GENERATOR "D" FEEDWATER CONTAINMENT ISOLATION VALVE REPAIR COMPLETE
15-P	96-12- 3	F	--	A	--		HH	VALVEX	STEAM GENERATOR FEEDWATER CONTROL BYPASS VALVE

(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: 01/15/97

NARRATIVE SUMMARY

MONTH: December, 1996

McGuire Unit 1 began the month of December holding at approximately 22% full power until 12/01/96 at 0820 when the unit began increasing power. The unit held at 28% power from 12/01/96 at 0925 to 12/03/96 at 1134 to complete steam generator "D" feedwater containment isolation valve repair. The unit continued power escalation and held at 61% power from 1648 to 1835 due to steam generator feedwater control bypass valve failing to show full open. The unit returned to 100% full power on 12/04/96 at 0305 and operated at or near 100% full power 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: January 15, 1997

Name of Contact: E. A. Williams

Phone: (704) - 382-5346

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: December 1, 1996-December 31, 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: _____

DOCKET NO 50-370
 DATE January 15, 1997
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

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	8784.0	112536.0
12. Number Of Hours Reactor Was Critical	744.0	6586.9	88342.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	6545.3	87276.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2529393	21863261	287102910
17. Gross Electrical Energy Generated (MWH)	885703	7569759	100073035
18. Net Electrical Energy Generated (MWH)	854241	7255888	95968245
19. Unit Service Factor	100.0	74.5	77.6
20. Unit Availability Factor	100.0	74.5	77.6
21. Unit Capacity Factor (Using MDC Net)	101.7	73.2	74.8
22. Unit Capacity Factor (Using DER Net)	97.3	70.0	72.3
23. Unit Forced Outage Rate	0.0	16.5	7.2
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 January 15, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH December, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1148</u>
2	<u>1148</u>
3	<u>1148</u>
4	<u>1148</u>
5	<u>1146</u>
6	<u>1146</u>
7	<u>1147</u>
8	<u>1147</u>
9	<u>1147</u>
10	<u>1146</u>
11	<u>1149</u>
12	<u>1150</u>
13	<u>1148</u>
14	<u>1147</u>
15	<u>1147</u>
16	<u>1148</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1148</u>
18	<u>1148</u>
19	<u>1149</u>
20	<u>1149</u>
21	<u>1149</u>
22	<u>1149</u>
23	<u>1149</u>
24	<u>1150</u>
25	<u>1149</u>
26	<u>1149</u>
27	<u>1149</u>
28	<u>1149</u>
29	<u>1150</u>
30	<u>1149</u>
31	<u>1149</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1996DOCKET NO. 50-370UNIT NAME MCGUIRE 2DATE 01/15/97COMPLETED 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
		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: 01/15/97

NARRATIVE SUMMARY

MONTH: December, 1996

McGuire Unit 2 began the month of December 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

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: January 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346