OPERATING DATA REPORT

DOCKET NO 50-369
DATE February 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: January 1, 1991-January 31, 1991
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	744.0	80376.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	56409.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	55764.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2519888	2519888	168755450
17. Gross Electrical Energy Generated (MWH)	883484	883484	58105919
18. Net Electrical Energy Generated (MWH)	850359	850359	55470363
19. Unit Service Factor	100.0	100.0	69.4
20. Unit Availability Factor	100.0	100.0	69.4
21. Unit Capacity Factor (Using MDC Net)	101.2	101.2	59.7
22. Unit Capacity Factor (Using DER Net)	96.9	96.9	58.5
23. Unit Forced Outage Rate	0.0	0.0	12.7

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 50-369
UNIT McGuire 1
DATE February 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH January, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1140	17	1143
2	1140	18	1142
3	1140	19	1143
4	1142	20	1143
5	1143	21	1143
6	1143	22	1143
7	1143	23	1143
8	1141	24	1142
9	1143	25	1144
10	1144	26	1144
11	1143	27	1144
12	1142	28	1147
13	1144	29	1146
14	1144	30	1145
15	1144	31	1145
16	1139		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1991

DOCKET NO. 50-369
UNIT NAME MCGUIRE 1
DATE 02/15/91
COMPLETED BY S. W. MOSER
TELEPHONE (704)-373-5762

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM 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 NO: 50-369

UNIT: McGuire 1

DATE: 2/15/91

NARRATIVE SUMMARY

MONTH: January 1991

McGuire Unit 1 began the month of January operating at 100% full power. The unit operated at 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1

2. Scheduled next refueling shutdown: September 1991

3. Scheduled restart following refueling: November 1991

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).

   THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

7. Number of fuel assemblies (a) in the core: 193
   (b) in the spent fuel pool: 443

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 licensed capacity: March 2006

DUKE POWER COMPANY DATE: February 15, 1991

Name of Contact: J. A. Reavis Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO 50-370
DATE February 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: January 1, 1991-January 31, 19[illegible]
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	744.0	60672.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	45384.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	44546.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2425825	2425825	145030616
17. Gross Electrical Energy Generated (MWH)	854781	854781	50783982
18. Net Electrical Energy Generated (MWH)	823948	823948	48688394
19. Unit Service Factor	100.0	100.0	73.4
20. Unit Availability Factor	100.0	100.0	73.4
21. Unit Capacity Factor (Using MDC Net)	98.1	98.1	69.9
22. Unit Capacity Factor (Using DER Net)	93.8	93.8	68.0
23. Unit Forced Outage Rate	0.0	0.0	8.9

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 15, 1991
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH January, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	543	17	1160
2	861	18	1154
3	989	19	1157
4	1144	20	1159
5	1158	21	1161
6	1152	22	1161
7	1154	23	948
8	1153	24	1001
9	1157	25	1163
10	1159	26	1161
11	1151	27	1161
12	1131	28	1162
13	1159	29	1162
14	1160	30	1161
15	1161	31	1165
16	1130		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
UNIT NAME MCGUIRE 2
DATE 02/15/91
COMPLETED BY S. W. MOSER
TELEPHONE (704)-373-5762

REPORT MONTH January 1991

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1-P	91- 1- 1	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP
2-P	91- 1- 1	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP - CORE FLUX MAPPING
3-P	91- 1- 1	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP
4-P	91- 1- 1	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP
5-P	91- 1- 2	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP
6-P	91- 1- 2	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP
7-P	91- 1- 2	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP
8-P	91- 1- 2	S	--	B	--		RC	FUELXX	HOLD PER REACTOR GROUP - CORE FLUX MAPPING

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
UNIT NAME MCGUIRE 2
DATE 02/15/91
COMPLETED BY S. W. MOSER
TELEPHONE (704)-373-5762

REPORT MONTH January 1991

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
9-P	91- 1-23	F	--	A	--		EA	CKTBRK	REPAIR OF ONE PHASE OF 'B' BUSLINE MOTOR OPERATED DISCONNECTS

(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 NO: 50-370

UNIT: McGuire 2

DATE: 2/15/91

NARRATIVE SUMMARY

MONTH: January 1991

McGuire Unit 2 began the month of January at 36% power and increasing load following its end-of-cycle "6" refueling outage. The unit was held at 40% power from 0116 to 0135 and at 50% power from 0645 to 1100 on 01/01 for reactor group data collection. From this point, the unit was held after every 2.5% power increase until approximately 80% power per the reactor group. The unit was held at 7 % power from 1930 on 01/02 to 1345 on 01/03 for flux mapping. After reaching 90% power, the unit was held from 1930 to 2258 on 01/03 for reactor group data collection. At 0202 on 01/04, the unit was held at 97.5% power for reactor coolant flow test. A load increase was commenced at 0520 on 01/04, and the unit reached 100% full power at 0610 on 01/04. The unit operated at or near 100% full power until 1130 on 01/23, when a load reduction was commenced to repair the "2BY" motor-operated disconnect. The unit was held at 55% power from 1606 on 01/23 to 0352 on 01/24. During the subsequent power increase, the unit was held at 80% power from 0659 to 0736 on 01/24 and at 90% power from 0830 to 0925 on 01/24 for nuclear instrumentation calibration. The unit was next held at 95% power from 1105 to 1725 on 01/24 for reactor protection system testing. The unit reached 100% full power at 2010 on 01/24, and operated at 100% full power for the remainder of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2

2. Scheduled next refueling shutdown: January 1991

3. Scheduled restart following refueling: March 1992

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).

   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.

7. Number of fuel assemblies (a) in the core: 193
   (b) in the spent fuel pool: 589

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 licensed capacity: December 2003

DUKE POWER COMPANY DATE: February 15, 1991

Name of Contact: J. A. Reavis Phone: 704-373-7567