

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO JD-559
 DATE April 15, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

1. Unit Name: McGuire 1
2. Reporting Period: March 1, 1993-March 31, 1993
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	2160.0	99336.0
12. Number Of Hours Reactor Was Critical	271.3	1687.3	70543.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	270.1	1686.1	69608.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	904384	5736008	215510047
17. Gross Electrical Energy Generated (MWH)	312689	1985638	74160968
18. Net Electrical Energy Generated (MWH)	285598	1809405	70825740
19. Unit Service Factor	36.3	76.1	70.3
20. Unit Availability Factor	36.3	76.1	70.3
21. Unit Capacity Factor (Using MDC Net)	35.2	76.3	61.8
22. Unit Capacity Factor (Using DER Net)	33.7	74.9	60.4
23. Unit Forced Outage Rate	0.0	0.0	13.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Currently Refueling

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 03, 1993

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 April 15, 1993
COMPLETED BY E.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1993

DAY	AVERAGE DAILY POWER LEVEL (NWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (NWe-Net)
1	1140	17	0
2	1141	18	0
3	1142	19	0
4	1138	20	0
5	1141	21	0
6	1140	22	0
7	1140	23	0
8	1141	24	0
9	1134	25	0
10	1136	26	0
11	1099	27	0
12	43	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1993

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 04/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

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
1	93- 3-12	S	473.88	C	1		RC	FUELXX	END-OF-CYCLE 8 REFUELING OUTAGE

(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: Currently Refueling
3. Scheduled restart following refueling: June 1993

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: 583
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 POWE. COMPANY

DATE: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

DOCKET: 50-369

UNIT: McGuire 1

Date: 04/15/93

NARRATIVE SUMMARY

MONTH: March 1993

McGuire Unit 1 began the month of March operating at 100% full power. The unit operated at or near 100% full power until 3/11 at 2000 when it started a power decrease to take the unit off-line. The unit was taken off-line on 3/12 at 0607 for end-of-cycle 8 refueling outage. The unit was in the refueling outage for the entire month.

OPERATING DATA REPORT

OPERATING STATUS

DOCKFT NO 52-370

DATE April 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: McGuire 2
2. Reporting Period: March 1, 1993-March 31, 1993
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	2160.0	79632.0
12. Number Of Hours Reactor Was Critical	718.3	2118.8	61535.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	714.7	2111.8	60609.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2369376	6911546	198318102
17. Gross Electrical Energy Generated (MWH)	631007	2431666	68351367
18. Net Electrical Energy Generated (MWH)	797318	2335216	66496181
19. Unit Service Factor	96.1	97.8	76.1
20. Unit Availability Factor	96.1	97.8	76.1
21. Unit Capacity Factor (Using WDC Net)	94.9	95.8	73.0
22. Unit Capacity Factor (Using DER Net)	90.8	91.6	70.8
23. Unit Forced Outage Rate	3.9	2.2	7.4

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

Refueling - July 01, 1993 - 75 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 April 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1153	17	1150
2	1154	18	1150
3	1153	19	1149
4	695	20	1149
5	1118	21	1149
6	1153	22	1148
7	1153	23	1149
8	1151	24	1149
9	172	25	1149
10	228	26	1149
11	1116	27	1147
12	1147	28	1148
13	1147	29	1149
14	1147	30	1149
15	1149	31	1149
16	1150		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1993

DOCKET NO. 50-370
 UNIT NAME MCGUIRE 2
 DATE 04/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) METH- OD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
7-D	93- 3- 4	F	--	A	--		CB	PUMPXX	REACTOR COOLANT PUMP 'A' UPPER THRUST BEARING TEMPERATURE PROBLEM
8-P	93- 3- 4	F	--	H	--		RC	XXXXXX	AXIAL FLUX DIFFERENTIAL PROBLEMS
2	93- 3- 9	F	22.98	A	1		HH	VALVEX	MANUAL REACTOR TRIP DUE TO A FEEDWATER REGULATION VALVE FAILING CLOSED
3	93- 3-10	F	6.35	A	--		RB	INSTRU	SHUTDOWN BANK 'E' POSITION INDICATION PROBLEMS
9-P	93- 3-10	F	--	A	--		HH	VALVEX	MAIN FEEDWATER ISOLATION VALVE WOULD NOT CLOSE
10-P	93- 3-10	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
11-P	93- 3-10	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION ADJUSTMENT

(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: July 1993
3. Scheduled restart following refueling: September 1993

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: 741
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: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

DOCKET: 50-370

UNIT: McGuire 2

Date: 04/15/93

NARRATIVE SUMMARY

MONTH: March 1993

McGuire Unit 2 began the month of March operating at 100% full power. The unit operated at or near 100% full power until 3/4 at 0038 when it started a power decrease. The unit held at 47% power from 0148 to 0350 to repair reactor coolant pump 'A' upper thrust bearing temperature problem. During power escalation, the unit held at 60% power from 0444 to 2139 for axial flux differential problems. The unit reached 100% full power on 3/5 at 0645. The unit was manually tripped on 3/9 at 0416 when a feedwater regulating valve failed closed. During startup, the unit was held off-line due to shutdown bank 'E' position indication problems. The unit was placed on-line on 3/10 at 0936. During power escalation, the unit held at 30% power from 1235 to 1620 when the main feedwater isolation valve would not close. The unit held at approximately 40% power from 1850 to 1905 for nuclear instrumentation calibrations and at approximately 68% power from 2144 to 2235 for nuclear instrumentation adjustment. The unit reached 100% full power at 3/11 at 0908. The unit operated at or near 100% power for the remainder of the month.