OPERATING DATA REPORT

DOCKET NO 50-369
DATE August 15, 1988
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: July 1, 1988-July 31, 1988
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): 1196
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	5111.0	58439.0
12. Number Of Hours Reactor Was Critical	744.0	5030.4	41894.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	5018.3	41361.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	14800320	119269904
17. Gross Electrical Energy Generated (MWH)	831719	5730977	42127134
18. Net Electrical Energy Generated (MWH)	798508	5519350	40184848
19. Unit Service Factor	100.0	98.2	70.8
20. Unit Availability Factor	100.0	98.2	70.8
21. Unit Capacity Factor (Using MDC Net)	95.1	95.7	59.0
22. Unit Capacity Factor (Using DER Net)	91.0	91.5	58.3
23. Unit Forced Outage Rate	0.0	1.8	11.8

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - October 14, 1988 - 10 weeks

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	_____	_____

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OPERATING DATA REPORT

DOCKET NO 50-369
UNIT McGuire 1
DATE August 15, 1988
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH July, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1108	17	1097
2	1103	18	1094
3	771	19	1093
4	856	20	1098
5	1063	21	1101
6	1095	22	1090
7	1104	23	1088
8	1102	24	1083
9	1102	25	1081
10	1098	26	1081
11	1104	27	1084
12	1106	28	1085
13	1099	29	1084
14	1098	30	1070
15	1095	31	1074
16	1094		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369
UNIT NAME MCGUIRE 1
DATE 08/15/88
COMPLETED BY J. A. REAVIS
TELEPHONE (704)-373-7567

REPORT MONTH July 1988

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
26-p	88- 7- 2	S	--	F	--		ZZ	ZZZZZZ	DISPATCHER REQUEST
27-p	88- 7- 5	F	--	B	--		HB	XXXXXX	FEEDWATER VENTURI FOULING COEFFICIENT VERIFICATION
28-p	88- 7- 6	S	--	F	--		ZZ	ZZZZZZ	DISPATCHER REQUEST
29-p	88- 7-30	S	--	B	--		RC	XXXXXX	MODERATOR TEMPERATURE COEFFICIENT EOC 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

DOCKET NO: 50-369

UNIT: McGuire 1

DATE: 08/15/88

NARRATIVE SUMMARY

Month: July, 1988

McGuire Unit 1

McGuire Unit 1 began the month of July operating at 100% full power. The unit reduced power to 60% on 7/02 to help the Dispatcher meet minimum system load. On its return to 100% full power, the unit held at 97% power on 7/05 for Feedwater Ventouri Fouling Coefficient verification. The unit returned to 100% full power at 0950 on 7/05. On 7/06 the unit reduced power to 94%, again per the Dispatcher and returned to 100% full power at 0930 on 7/06. On 7/30 at 1030 the unit reduced power to 97% to perform Moderator Temperature Coefficient End of Cycle tests. The unit returned to 100% full power at 1535 on 7/31 where it operated for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1

2. Scheduled next refueling shutdown: October, 1988

3. Scheduled restart following refueling: December, 1988

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

   If yes, what will these be?

   If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A

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: 293

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: August, 2010

DUKE POWER COMPANY DATE: August 15, 1988

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

OPERATING DATA REPORT

DOCKET NO 50-370
DATE August 15, 1988
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: July 1, 1988-July 31, 1988
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): 1191
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	5111.0	38735.0
12. Number Of Hours Reactor Was Critical	132.3	3647.4	28093.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	95.6	3605.2	27432.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	11637823	88927776
17. Gross Electrical Energy Generated (MWH)	56434	4138384	31214187
18. Net Electrical Energy Generated (MWH)	41909	3968680	29904682
19. Unit Service Factor	12.9	70.5	70.8
20. Unit Availability Factor	12.8	70.5	70.8
21. Unit Capacity Factor (Using MDC Net)	5.0	68.8	66.6
22. Unit Capacity Factor (Using DER Net)	4.8	65.8	65.4
23. Unit Forced Outage Rate	0.0	0.6	13.3

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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-370
UNIT McGuire 2
DATE August 15, 1988
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH July, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	152
13	0	29	466
14	0	30	816
15	0	31	744
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
UNIT NAME MCGUIRE 2
DATE 08/15/88
COMPLETED BY J. A. REAVIS
TELEPHONE (704)-373-7567

REPORT MONTH July 1988

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
3	88- 7- 1	S	643.42	C	1		RC	FUELXX	END OF CYCLE 4 REFUELING OUTAGE
13-p	88- 7-27	S	--	H	--		HA	TURBIN	TURBINE SOAK PERIOD
4	88- 7-28	S	0.35	B	1		HA	TURBIN	TURBINE OVERSPEED TRIP TEST
14-p	88- 7-28	F	--	H	--		HB	TRANSF	FEEDWATER TRANSIENT
15-p	88- 7-28	S	--	B	--		IE	XXXXXX	FLUX MAPPING
16-p	88- 7-29	S	--	B	--		IE	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
17-p	88- 7-30	S	--	F	--		ZZ	ZZZZZZ	ECONOMIC DISPATCH
18-p	88- 7-31	S	--	A	--		HJ	PUMPXX	REPAIR SEAL LEAK ON HEATER DRAIN PUMP
5	88- 7-31	F	4.68	A	2		HH	VALVEX	MANUAL TRIP - FAN FELL ON THE SOLENOID VALVE OF THE MAIN FEEDWATER REG VALVE (CF-32)

(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: 08/15/88

NARRATIVE SUMMARY

Month: July, 1988

McGuire Unit 2

McGuire Unit 2 began the month of July in its end of cycle 4 refueling outage. The unit returned to service on 7/27 at 19:25 completing the 62 day outage. After holding power at 10% for the Turbine Soak Period on 7/27, the Turbine Overspeed Trip Test was performed at 0554 on 7/28. The unit returned to service at 0614 on 7/28. On its return to 100% full power, the unit held at 30% power for secondary chemistry and flux mapping and again at 49% power for Nuclear Instrumentation Calibration. The unit then held power at 78% on 7/28 per the Dispatcher and also at 85% on 7/31 to repair a seal leak on the '2C2' Heater Drain Pump. The unit then reached 100% full power at 1540 on 7/31. On 7/31 at 1919, the unit was manually tripped due to a Feedwater Regulating Valve failing closed. The unit ended the month in the outage.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2

2. Scheduled next refueling shutdown: July, 1989

3. Scheduled restart following refueling: October, 1989

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

   If yes, what will these be?

   If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A

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: 518

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: August, 2010

DUKE POWER COMPANY DATE: August 15, 1988

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

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

1. Personnel Exposure

   For the month of June, 21 individuals exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.920 rem, which represented approximately 16.0% of that person's allowable annual limit.

2. The total station liquid release for June has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

   The total station gaseous release for June has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

DUKE POWER COMPANY
P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

August 15, 1988

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Re: McGuire Nuclear Station
Docket No. 50-369 and 50-370

Dear Sir:

Please find attached information concerning the performance and operating status of the McGuire Nuclear Station for the month of July, 1988.

Very truly yours,

Hal B. Tucker

JAR/15/lcc

Attachment

xc: Dr. J. Nelson Grace
Regional Administrator/Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

Mr. Darl Hood, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Robert G. Rogers
Nuclear Assurance Corporation
6251 Crooked Creek Road
Norcross, Georgia 30092

American Nuclear Insurers
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The Exchange, Suite 245
270 Farmington Avenue
Farmington, CT 06032

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30323

Mr. Richard G. Oehl, NE-44
U. S. Department of Energy
19901 Germantown Road
Germantown, Maryland 20874

Mr. W. T. Orders
NRC Resident Inspector
McGuire Nuclear Station

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