OPERATING DATA REPORT

DOCKET NO. 50-369
DATE 08-15-84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: July 1, 1984 - July 31, 1984
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): ____
7. Maximum Dependable Capacity (Net MWe): 1180
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   None
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: ____

Notes * Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .90 power factor per Page iii, NUREG-0020.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5 111.0	23 375.0
12. Number Of Hours Reactor Was Critical	698.3	3 374.5	15 447.5
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	695.4	3 315.4	15 264.5
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	2 319 518	10 693 268	38 130 337
17. Gross Electrical Energy Generated (MWH)	802 409	3 745 694	13 262 859
18. Net Electrical Energy Generated (MWH)	771 332	3 582 496	12 538 751
19. Unit Service Factor	93.5	64.9	65.3
20. Unit Availability Factor	93.5	64.9	65.3
21. Unit Capacity Factor (Using MDC Net)	87.9	59.4	45.5
22. Unit Capacity Factor (Using DER Net)	86.9	59.4	45.5
23. Unit Forced Outage Rate	6.5	4.7	17.6

24. Shutdowns 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	____	____

8408220465 840731
PDR ADOCK 05000369
R PDR

IE 24
1/1

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
UNIT McGuire 1
DATE 08-15-84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

MONTH JULY, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1142	17	1141
2	1102	18	1140
3	1119	19	1137
4	1138	20	1134
5	1141	21	1135
6	1143	22	1133
7	1142	23	242
8	1137	24	----
9	1138	25	355
10	1142	26	1057
11	1143	27	1127
12	1142	28	1131
13	1141	29	1132
14	1139	30	1068
15	1139	31	1050
16	1140		

INSTRUCTIONS
On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369
UNIT NAME McGuire 1
DATE 08/15/84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

REPORT MONTH July 1984

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	License Event Report #	Systems Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
26p	84-07-01	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
27p	84-07-02	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
28p	84-07-03	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
7	84-07-23	F	9.72	A	3		CC	VALVEX	Main Feedwater Isolation Valve Failed Closed
7A	84-07-23	F	38.92	A	--		CH	VALVEX	Repair Steam Generator Inlet Check Valve due to Leakage
29p	84-07-25	F	--	H	--		PC	ZZZZZZ	Secondary Chemistry Restrictions
30p	84-07-25	F	--	H	--		RC	FUELXX	Axial Flux Difference Penalty Time
31p	84-07-30	S	--	B	--		IB	INSTRU	Incore & Excore Calibrations

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-Operational 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

(9/77)

DOCKET NO: 50-369

UNIT: McGuire 1

DATE: 08/15/84

NARRATIVE SUMMARY

Month: July 1984

On July 23, 1984, a feedwater isolation valve failed closed, causing the plant to trip. Upon inspection, an inlet check valve to a S/G was also discovered leaking. The Check valve was repaired. The unit also reduced on three occasions during the month due to economic dispatch.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1.

2. Scheduled next refueling shutdown: March 1985.

3. Scheduled restart following refueling: May 1985.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
   If yes, what will these be? Technical Specification Revision

   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). N/A

7. Number of fuel assemblies (a) in the core: 193.
   (b) in the spent fuel pool: 91.

8. Present licensed fuel pool capacity: 500.
   Size of requested or planned increase: 1463.

9. Projected date of last refueling which can be accommodated by present licensed capacity: November 1990.

DUKE POWER COMPANY

Date: August 15, 1984.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-370
DATE 08-15-84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: July 1, 1984 - July 31, 1984
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):
7. Maximum Dependable Capacity (Net MWe): 1180
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   None
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any:

Notes * Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .90 power factor per Page iii, NUREG-0020.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	3 671.0	3 671.0
12. Number Of Hours Reactor Was Critical	499.4	3 256.2	3 256.2
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	492.9	3 234.1	3 234.1
15. Unit Reserve Shutdown Hours	1 558 900	10 681 629	10 681 629
16. Gross Thermal Energy Generated (MWH)	545 101	3 800 131	3 800 131
17. Gross Electrical Energy Generated (MWH)	517 564	3 655 155	3 655 155
18. Net Electrical Energy Generated (MWH)	66.3	88.1	88.1
19. Unit Service Factor	66.3	88.1	88.1
20. Unit Availability Factor	59.0	84.4	84.4
21. Unit Capacity Factor (Using MDC Net)	59.0	84.4	84.4
22. Unit Capacity Factor (Using DER Net)	33.8	9.8	9.8
23. Unit Forced Outage Rate			

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling - January, 1985 - 8 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: August 20, 1984
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-370
UNIT McGuire 2
DATE 08-15-84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

MONTH JULY, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1168	17	1161
2	1166	18	1162
3	755	19	859
4	----	20	124
5	----	21	1072
6	----	22	1067
7	----	23	1138
8	----	24	1150
9	95	25	1163
10	723	26	1161
11	1161	27	1046
12	1163	28	----
13	1147	29	----
14	1139	30	----
15	1106	31	----
16	1082		

INSTRUCTIONS
On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
UNIT NAME McGuire 2
DATE 08/15/84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

REPORT MONTH July 1984

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	License Event Report #	Systems Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
32p	84-07-03	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
9	84-07-03	F	.23	G	3		CD	VALVEX	Main Steam Isolation Valve Closed During IAE Testing
9A	84-07-03	F	107.37	A	--		IB	ZZZZZZ	Troubleshoot Source Range Detector
9B	84-07-08	F	26.83	A	--		CH	VALVEX	Repair Steam Generator Inlet Check Valve
33p	84-07-09	F	--	H	--		ZZ	ZZZZZZ	Steam Generator Chemistry Problems
34p	84-07-09	F	--	A	--		CD	VALVEX	Repair Steam Generator Containment Isolation Valve
35p	84-07-13	S	--	B	--		HA	TURBIN	Turbine Acceptance Test
36p	84-07-15	S	--	B	--		HA	TURBIN	Turbine Acceptance Test
10	84-07-19	F	21.70	A	2		HI	VALVEX	Repair Leaking Steam Generator Blowdown Valve
37p	84-07-20	F	--	H	--		ZZ	ZZZZZZ	Steam Generator Chemistry Problems
38p	84-07-21	S	--	B	--		HA	TURBIN	Turbine Acceptance 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-Operational 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

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-370
UNIT NAME McGuire 2
DATE 08/15/84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

REPORT MONTH July 1984

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	License Event Report #	Systems Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
39p	84-07-22	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
40p	84-07-23	S	--	B	--		HA	TURBIN	Turbine Acceptance Test
11	84-07-28	F	34.50	A	1		HI	VALVEX	Repair Leaking Steam Generator Blowdown valve
11A	84-07-29	F	60.50	A	--		CI	PUMPXX	Replace Leaking Reactor Coolant Pump Seal

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-Operational 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

(9/77)

DOCKET NO: 50-370
UNIT: McGuire 2
DATE: 08/15/84

NARRATIVE SUMMARY

Month: July 1984

The unit tripped on July 3rd, when a Main Steam Isolation valve closed. On its attempt to return, a Source Range detector was discovered inoperable. Inside containment a steam generator inlet check valve was leaking and required repair. Also, the unit was out for the repair of two steam generator blowdown valves and to replace a seal on a reactor coolant pump.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2.

2. Scheduled next refueling shutdown: January 1985.

3. Scheduled restart following refueling: March 1985.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
   If yes, what will these be? Technical Specification Revision

   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). N/A

7. Number of fuel assemblies (a) in the core: 193.
   (b) in the spent fuel pool: 0.

8. Present licensed fuel pool capacity: 500.
   Size of requested or planned increase: 1463.

9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: August 15, 1984.

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, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release contribution to whole body dose for June has been compared with the Technical Specifications annual value of 3 mrem; the total release for June was less than 10 percent of this limit.

   The total station gaseous release contribution to any organ dose for June has been compared with the Technical Specifications annual value of 15 mrem; the total release for June was less than 10 percent of this limit.

REVISED COPY

OPERATING DATA REPORT

DOCKET NO. 50-369
DATE 07-13-84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: June 1, 1984 - June 30, 1984
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): _____
7. Maximum Dependable Capacity (Net MWe): 1180
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   None
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: _____

Notes * Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .90 power factor per Page iii, NUREG-0020.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720.0	4 367.0	22 631.0
12. Number Of Hours Reactor Was Critical	700.9	2 676.2	14 749.3
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	699.6	2 620.0	14 569.1
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	2 266 395	8 373 750	35 810 819
17. Gross Electrical Energy Generated (MWH)	793 547	2 943 285	12 460 450
18. Net Electrical Energy Generated (MWH)	763 512	2 811 164	11 767 419
19. Unit Service Factor	97.2	60.0	64.4
20. Unit Availability Factor	97.2	60.0	64.4
21. Unit Capacity Factor (Using MDC Net)	89.9	54.6	44.1
22. Unit Capacity Factor (Using DER Net)	89.9	54.6	44.1
23. Unit Forced Outage Rate	2.8	4.2	18.0 *

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

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		

* Revised 8/15/84

(9/77)

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

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

August 15, 1984

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

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

Dear Sir:

Please find attached information concerning the performance and operating status of the McGuire Nuclear Station for the month of July, 1984.

Also attached is a corrected copy of the Operating Data Report for McGuire Unit 1 for the month of June.

Very truly yours,

Hal B. Tucker

Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30323

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

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

Mr. Ralph Birkel
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
The Exchange, Suite 245
270 Farmington Avenue
Farmington, Connecticut 06032

M&M Nuclear Consultants
1221 Avenue of the Americas
New York, New York 10020

IE24
1/1

cc: Ms. Judy Dovers
Nuclear Assurance Corporation
5720 Peachtree Parkway
Norcross, Georgia 30092

Senior Resident Inspector
McGuire Nuclear Station