OPERATING DATA REPORT

DOCKET NO. 50-369
DATE 9-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: August 1, 1983 - August 31, 1983
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:

Notes *NOTE: 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. Reasons For Restrictions, If Any: ---

	This Month	Yr.-to Date	Cumulative
11. Hours In Reporting Period	744.0	5 831.0	15 335.0
12. Number Of Hours Reactor Was Critical	356.5	2 334.6	9 472.7
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	347.4	2 287.2	9 379.4
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 129 545	6 103 346	19 605 764
17. Gross Electrical Energy Generated (MWH)	393 320	2 124 815	6 751 406
18. Net Electrical Energy Generated (MWH)	369 426	1 986 870	6 308 193
19. Unit Service Factor	46.7	39.2	61.2
20. Unit Availability Factor	46.7	39.2	61.2
21. Unit Capacity Factor (Using MDC Net)	42.1	28.9	34.9
22. Unit Capacity Factor (Using DER Net)	42.1	28.9	34.9
23. Unit Forced Outage Rate	53.3	27.5	23.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - March 1, 1984 - 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	---	---

IE 24 (9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1983

DOCKET NO. 50-369
UNIT NAME McGuire 1
DATE 9-15-83
COMPLETED BY JA Reavis
TELEPHONE 704-373-7567

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
11	83-08-01	F	6.00	A	--		CH	Relayx	Feedwater pump relays tripped.
12	83-08-06	F	39.28	B	1		CB	Valvex	Attempt to repair leaking primary system valve.
13	83-08-07	F	23.53	A	1		HI	Valvex	Fuses blown on two S/G blowdown valves.
18-p	83-08-09	F	-	B	--		HI	Valvex	Reduce power to work on S/G blowdown valve.
14	83-08-12	F	3.77	B	3		HA	ZZZZZZ	Loss of electric load test
14A	83-08-12	F	323.98	B	--		CB	Valvex	Replace leaking primary system 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-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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
UNIT McGuire Unit 1
DATE 9-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	672	17	-
2	1155	18	-
3	1154	19	-
4	1153	20	-
5	1095	21	-
6	-	22	-
7	-	23	-
8	40	24	-
9	1013	25	-
10	1152	26	489
11	1151	27	1149
12	869	28	1151
13	-	29	1151
14	-	30	1150
15	-	31	1153
16	-		

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.

DOCKET NO: 50-369
UNIT: McGuire 1
DATE: 9-15-83

NARRATIVE SUMMARY

Month: August, 1983

McGuire Unit one entered the month critical but still offline following a trip due to feedwater pump relays in July. The Unit was online at 6 AM on the first and reached full power the same day. The Unit was shutdown on the 6th. to attempt to repair 1NC-18, D loop cold led RTD return isolation valve. When returning to service the Unit was forced back offline to repair blown fuses on the steam generator blowdown containment isolation valves. The Unit returned to service on the 8th. but had to hold at 50% power on the 9th. for additional work on a steam generator blowdown valve. A Unit trip occurred on the 12th. during the loss of electric load test and an outage for replacement of NC18 was started at that point. The Unit returned to service on August 26 and operated at full power the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1.

2. Scheduled next refueling shutdown: March, 1984.

3. Scheduled restart following refueling: May, 1984.

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 changes needed to support transition to optimized fuel.

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: October, 1983.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). Optimized fuel to be used.
Improved thermal design procedure used in safety analysis.

7. Number of fuel assemblies (a) in the core: 193.
(b) in the spent fuel pool: 31.

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

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

DUKE POWER COMPANY Date: September 15, 1983.

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

OPERATING DATA REPORT

DOCKET NO. 50-370
DATE 9-15-83
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 2
2. Reporting Period: August 1, 1983 - August 31, 1983
3. Licensed Thermal Power (MWt): 170
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:

_____

_____

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. Reasons For Restrictions, If Any: _____

_____

_____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period			
12. Number Of Hours Reactor Was Critical			
13. Reactor Reserve Shutdown Hours			
14. Hours Generator On-Line			
15. Unit Reserve Shutdown Hours	NOT IN COMMERCIAL OPERATION		
16. Gross Thermal Energy Generated (MWH)			
17. Gross Electrical Energy Generated (MWH)			
18. Net Electrical Energy Generated (MWH)			
19. Unit Service Factor			
20. Unit Availability Factor			
21. Unit Capacity Factor (Using MDC Net)			
22. Unit Capacity Factor (Using DER Net)			
23. Unit Forced Outage Rate			

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	_____	5/8/83
INITIAL ELECTRICITY	_____	5/23/83
COMMERCIAL OPERATION	3/84	_____

(9/77)

McGUIRE NUCLEAR Station

Operating Status Report

1. Personnel Exposure

   For the month of July, 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 July has been compared with the Technical Specifications annual value of 3 mrem; the total release for July was less than 10 percent.

   The total station gaseous release contribution to any organ dose for July has been compared with the Technical Specifications annual value of 15 mrem; the total release for July 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

September 15, 1983

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 August, 1983.

Very truly yours,

Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

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

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
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INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

Senior Resident Inspector
McGuire Nuclear Station

IE-24
1/1