

OPERATING DATA REPORT

DOCKET NO. 50-369
 DATE 6-15-83
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: McGuire Unit 1
2. Reporting Period: May 1, 1983 - May 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	3 623.0	13 127.0
12. Number Of Hours Reactor Was Critical	161.7	656.6	7 794.7
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	145.6	640.5	7 732.8
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	187 441	1 044 613	14 547 031
17. Gross Electrical Energy Generated (MWH)	59 352	353 219	4 979 810
18. Net Electrical Energy Generated (MWH)	41 155	298 567	4 619 890
19. Unit Service Factor	19.6	17.7	58.9
20. Unit Availability Factor	19.6	17.7	58.9
21. Unit Capacity Factor (Using MDC Net)	4.7	7.0	29.8
22. Unit Capacity Factor (Using DER Net)	4.7	7.0	29.8
23. Unit Forced Outage Rate	67.4	32.3	23.3
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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-369
 UNIT McGuire Unit 1
 DATE 6-15-83
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

MONTH May, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-	17	-
2	-	18	-
3	-	19	-
4	-	20	-
5	-	21	-
6	-	22	-
7	-	23	-
8	-	24	-
9	-	25	-
10	-	26	-
11	-	27	-
12	-	28	262
13	-	29	524
14	209	30	319
15	347	31	509
16	-		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1983

DOCKET NO. 50-369
 UNIT NAME McGuire Unit 1
 DATE 6/15/83
 COMPLETED BY J. A. 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
1I	83-05-01	S	60.33	H	--		ZZ	ZZZZZZ	Normal Heatup.
1J	83-05-03	S	45.67	B	--		SA	PENETR	Leak Test Guard Piping Around Hot Penetrations.
1K	83-05-05	S	50.23	H	--		ZZ	ZZZZZZ	Normal Heatup.
1L	83-05-07	S	140.95	B	--		RC	ZZZZZZ	Zero Power Physics Testing - Due to Replacement of Burnable Poison Rod Assemblies.
2-P	83-05-13	S	--	B	--		RC	ZZZZZZ	30% Physics Testing.
2	83-05-15	F	291.25	A	1		SF	VALVEX	Repair Leaking Check Valves on B Cold Leg Accumulator.
3-P	83-05-28	S	--	B	--		RC	ZZZZZZ	50% Physics Testing.
3	83-05-29	F	3.38	B	3		IA	ZZZZZZ	Rx Trip Per Dynamic Rod Drop Trip Test.
4	83-05-31	F	6.55	A	3		CB	INSTRU	2 of 3 Low Flow Signals in C Reactor Coolant Loop were lost due to faulty Test Box Used in Reactor Coolant Flow Test.

1
 I - 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 (IER) File (NURLE-
 0161)

5
 Exhibit I - Same Source

DOCKET NO: 50-369

UNIT: McGuire 1

DATE: 6/15/83

NARRATIVE SUMMARY

Month: May, 1983

McGuire Unit 1 entered the month heating up following the steam generator modification outage. May 3 the unit was required to cooldown and conduct a leak test of the guard piping around the hot penetrations. This testing had not been included in the integrated leak rate test procedures. The testing was complete and normal heatup resumed on May 5.

Zero power physics testing which was required when the cracked burnable poison rod assemblies were replaced by thimble plugs began on May 7. The unit power escalation was limited by further physics testing at 30% power.

May 15 the unit shut down to repair leaking check valves on the B cold leg accumulator. Repairs were completed and the unit returned to service May 28. Power escalation was again limited by physics testing to 50%.

On May 29, the unit completed 50% physics testing and performed the dynamic rod drop trip test.

McGuire 1 returned to service May 30 and operated until May 31 when a bad test box switch used in the reactor coolant flow test tripped the unit. The unit was at 7.5% reactor power and increasing at the end of the month.

MONTHLY REFUELING INFORMATION REQUEST

- McGuire Unit 1
1. Facility name: _____.
 2. Scheduled next refueling shutdown: January, 1984 _____.
 3. Scheduled restart following refueling: March, 1984 _____.
 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? 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: 29.
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: June 15, 1983

Name of Contact: J. A. Reavis

Phone: 704-373-7567

McGUIRE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

OPERATING DATA REPORT

DOCKET NO. 50-370
 DATE 6-15-83
 COMPLETED BY J. A. Reavis
 TELEPHONE

OPERATING STATUS

1. Unit Name: McGuire Unit 2
2. Reporting Period: May 1, 1983 - May 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
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):

NOT IN COMMERCIAL OPERATION

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 | 5/83 | |
| INITIAL ELECTRICITY | 6/83 | |
| COMMERCIAL OPERATION | 3/84 | |

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

June 15, 1983

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

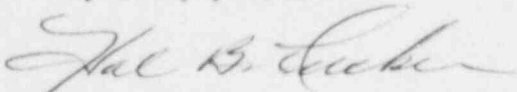
Attention: Document Control Desk

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 May, 1983.

Very truly yours,



Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
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Atlanta, Georgia

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MNBB-5715
Washington, D. C. 20555

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1100 Circle 75 Parkway
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Senior Resident Inspector
McGuire Nuclear Station

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