

Duke Power Company
Electric Center
P.O. Box 1006
Charlotte, N.C. 28201-1006



DUKE POWER

May 14, 1993

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

RE: McGuire Nuclear Station
Docket No. 50-369 and -370
File: GS-801.01

Dear Sir:

Please find attached information concerning the performance and operating status of the McGuire Nuclear Station for the month of April, 1993.

Very truly yours,

E. O. McCraw/DRB

E. O. McCraw, Manager
Operations, Performance & Automation

ECM/raw
Attachments

xc: Stewart D. Ebnetter
Regional Administrator/Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323

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

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
Town Center, Suite 300S
29 South Main Street
West Hartford, CT 06107-2445

V. Nerses, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Ms. Margaret Aucoin
Nuclear Assurance Corporation
Suite 200
655 Engineering Drive
Norcross, GA 30092-2843

P. K. VanDoorn
Senior Resident Inspector
McGuire Nuclear Station

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PDR ADDCK 05000369
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bc: K. S. Canady (EC08H)
D. R. Bradshaw (EC07A)
B. T. Faulkenberry (EC07C)
R. O. Sharpe (MNS)
T. E. Mooney (EC05N)
B. J. Horsley (EC03U)
N. A. Rutherford (EC07I)
D. E. Bortz (EC08G)
R. A. Williams (EC07A) (3)
J. C. Wimbish (EC07B)
R. C. Norcutt (MG01A)
E. C. Fisher (MNS)
B. W. Walsh (EC11C)
S. D. Galloway (CNS)
C. D. Denton (PB05E)
J. Roth (MNS)
Candace Paton (PB02L)
G. A. Copp (EC050) (File)

OPERATING DATA REPORT

DOCKET NO 50-369
 DATE May 14, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: April 1, 1993-April 30, 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	719.0	2879.0	100055.0
12. Number Of Hours Reactor Was Critical	0.0	1687.3	70543.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	1686.1	69808.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	5736006	215510047
17. Gross Electrical Energy Generated (MWH)	0	1985630	74160968
18. Net Electrical Energy Generated (MWH)	-3422	1905983	70822318
19. Unit Service Factor	0.0	58.6	69.8
20. Unit Availability Factor	0.0	58.6	69.8
21. Unit Capacity Factor (Using MDC Net)	0.0	58.6	61.5
22. Unit Capacity Factor (Using DER Net)	0.0	56.1	60.0
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 11, 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 May 14, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH April, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1993

DOCKET NO. 50-369
 UNIT NAME MCGUIRE 1
 DATE 05/14/93
 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- 4- 1	S	719.00	C	--		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 POWER COMPANY

DATE: May 14, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

DOCKET: 50-369

UNIT: McGuire 1

Date: 05/14/93

NARRATIVE SUMMARY

MONTH: April 1993

McGuire Unit 1 began the month of April in end-of cycle 8 refueling outage. The unit was in the refueling outage for the entire month.

Prepared by N. C. Simmons
Telephone: 704-382-5263

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: April 1, 1993-April 30, 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: _____

DOCKET NO. 50-370
 DATE May 14, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

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	719.0	2879.0	80351.0
12. Number Of Hours Reactor Was Critical	719.0	2827.9	62254.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	719.0	2830.9	61328.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2452571	9364117	200771673
17. Gross Electrical Energy Generated (MWH)	859311	3290977	70210678
18. Net Electrical Energy Generated (MWH)	826779	3161995	67322960
19. Unit Service Factor	100.0	98.3	76.3
20. Unit Availability Factor	100.0	98.3	76.3
21. Unit Capacity Factor (Using MDC Net)	101.9	97.3	73.3
22. Unit Capacity Factor (Using DER Net)	97.5	93.1	71.0
23. Unit Forced Outage Rate	0.0	1.7	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):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-370
 UNIT McGuire 2
 DATE May 14, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH April, 1993

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1149</u>
2	<u>1149</u>
3	<u>1149</u>
4	<u>1150</u>
5	<u>1148</u>
6	<u>1147</u>
7	<u>1148</u>
8	<u>1149</u>
9	<u>1149</u>
10	<u>1150</u>
11	<u>1149</u>
12	<u>1150</u>
13	<u>1150</u>
14	<u>1151</u>
15	<u>1151</u>
16	<u>1152</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1151</u>
18	<u>1150</u>
19	<u>1150</u>
20	<u>1151</u>
21	<u>1151</u>
22	<u>1150</u>
23	<u>1151</u>
24	<u>1152</u>
25	<u>1152</u>
26	<u>1151</u>
27	<u>1148</u>
28	<u>1149</u>
29	<u>1149</u>
30	<u>1149</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1993DOCKET NO. 50-370UNIT NAME MCGUIRE 2DATE 05/14/93COMPLETED BY N. C. SIMMONSTELEPHONE (704)-382-5263

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTION	S		

(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: May 14, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

DOCKET: 50-370

UNIT: McGuire 2

Date: 05/14/93

NARRATIVE SUMMARY

MONTH: April 1993

McGuire Unit 2 began the month of April operating at 100% full power. The unit operated at or near 100% for the entire month.