

Duke Power Company
Wachovia Center
P.O. Box 1007
Charlotte, N.C. 28201-1007



DUKE POWER

February 14, 1992

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

RE: McGuire Nuclear Station
Docket No. 50-369 and 50-370
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 January, 1992.

Very truly yours,

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

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

T. A. Reed, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

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

Ms. Vickie White
Nuclear Assurance Corporation
6251 Crooked Creek Road
Norcross, GA 30092

P. K. VanDoorn
Senior Resident Inspector
McGuire Nuclear Station

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PDR ADDCK 05000369
R PDR

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bc: D. A. Braatz (PDS)
D. R. Bradshaw (WC25A)
K. S. Canady (EC08H)
B. T. Faulkenberry (WC25I)
R. O. Sharpe (MNS)
D. E. Bortz (EC08G)
T. E. Mooney (WC26C)
B. J. Horsley - Catawba Contracts (EC03U)
N. A. Rutherford (WC25D)
R. C. Norcutt (MNS)
R. A. Williams (WC25A) (3)
J. C. Wimbish (WC23C)
E. C. Fisher (MNS)
B. W. Walsh (PB02L)
J. Roth (MNS)
S. D. Galloway (CNS)
C. D. Denton (PO05E)
R. L. Gill (WC26A) (File)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: March 1992

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: February 14, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987

McGUIRE NUCLEAR STATION
MONTHLY OPERATING STATUS REPORT

December 1991

1. Personnel Exposure -

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

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

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: McGuire 1
2. Reporting Period: January 1, 1992-January 31, 1992
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. 50-369
 DATE February 14, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

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	744.0	89136.0
12. Number Of Hours Reactor Was Critical	391.1	391.1	62384.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	390.8	390.8	61671.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1277016	1277016	188262677
17. Gross Electrical Energy Generated (MWH)	447121	447121	64806946
18. Net Electrical Energy Generated (MWH)	424859	424859	61855912
19. Unit Service Factor	52.5	52.5	69.2
20. Unit Availability Factor	52.5	52.5	69.2
21. Unit Capacity Factor (Using MOC Net)	50.6	50.6	60.2
22. Unit Capacity Factor (Using DER Net)	48.4	48.4	58.8
23. Unit Forced Outage Rate	47.5	47.5	12.8
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 50-369
 UNIT McGuire 1
 DATE February 14, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH January, 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1142</u>
2	<u>1145</u>
3	<u>1135</u>
4	<u>1130</u>
5	<u>1100</u>
6	<u>1092</u>
7	<u>1092</u>
8	<u>1107</u>
9	<u>1129</u>
10	<u>1126</u>
11	<u>1115</u>
12	<u>1117</u>
13	<u>1118</u>
14	<u>1116</u>
15	<u>1115</u>
16	<u>1074</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>61</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>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-369
 UNIT NAME MCGUIRE I
 DATE 02/14/92
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH January 1992

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	L I C E N S E E V E N T R E P O R T N O .	(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	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
1	92- 1-17	F	353.20	A	1		CH	HTEXCH	'D' STEAM GENERATOR TUBE LEAK

- (1) 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 Scram
 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: 2/14/92

NARRATIVE SUMMARY

MONTH: January 1992

McGuire Unit 1 began the month of January operating at 100% full power. The unit operated at or near 100% full power until 1912 on 01/16, when a power reduction was begun to take the unit off-line to repair a tube leak in the 'D' steam generator. The unit was taken off-line at 0648 on 01/17, and remained in the outage for the duration of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire, Unit 1
2. Scheduled next refueling shutdown: February 1993
3. Scheduled restart following refueling: April 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: 519
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: February 14, 1992

Name of Contact: R. A. Williams

Phone: 704-373-5987

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: McGuire 2
2. Reporting Period: January 1, 1991 - January 31, 1992
3. Licensed Thermal Power (MWT): 3411
4. Nameplate Rating (Gross MWe): 13054
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 February 14, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-273-5987

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	744.0	69432.0
12. Number Of Hours Reactor Was Critical	197.8	197.8	53399.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	197.8	197.8	52550.7
15. Unit Reserve Shutdown Hours	--3--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	628307	628307	171644737
17. Gross Electrical Energy Generated (MWH)	229726	229726	60060641
18. Net Electrical Energy Generated (MWH)	213922	213922	57594333
19. Unit Service Factor	26.6	26.6	75.7
20. Unit Availability Factor	26.6	26.6	75.7
21. Unit Capacity Factor (Using MDC Net)	25.5	25.5	72.4
22. Unit Capacity Factor (Using DER Net)	24.4	24.4	70.2
23. Unit Forced Outage Rate	0.0	0.0	8.0
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: _____

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 February 14, 1992
 COMPLETED BY R.A. Williams
 TELEPHONE 704-273-5987

MONTH January, 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1151</u>
2	<u>1153</u>
3	<u>1153</u>
4	<u>1154</u>
5	<u>1154</u>
6	<u>1155</u>
7	<u>1155</u>
8	<u>1071</u>
9	<u>24</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>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1992DOCKET NO. 50-370UNIT NAME MCGUIRE 2DATE 02/14/92COMPLETED BY S. W. MOSERTELEPHONE (704)-373-5762

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 COLLECTIVE ACTION TO PREVENT RECURRENCE
1	92- 1- 9	S	546.23	C	1		RC	FUELXX	END-OF-CYCLE '7' 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

UNIT: McGuire 2

DATE: 2/14/92

NARRATIVE SUMMARY

MONTH: January 1992

McGuire Unit 2 began the month of January operating at 100% full power. The unit operated at or near 100% full power until 1800 on 01/08, when a power reduction was begun to take the unit off-line to begin the end-of-cycle '7' refueling outage. The unit was taken off-line at 0546 on 01/09, and remained in the outage for the duration of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762