

March 28, 1989

Docket No.: 50-370

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: ISSUANCE OF AMENDMENT NO. 75 TO FACILITY OPERATING LICENSE NPF-17 -
MCGUIRE NUCLEAR STATION, UNIT 2 (TAC 66086)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 75 to Facility Operating License NPF-17 for the McGuire Nuclear Station, Unit 2. The amendment is being issued in response to your application dated December 7, 1985.

The amendment deletes license condition 2.C(12) and referenced Table 1 from the operating license and replaces it with a condition which was a part of Table 1. The amendment is effective as of its date of issuance.

A copy of the related safety evaluation supporting Amendment No. 75 to Facility Operating License NPF-17 is enclosed.

Notice of issuance of the amendment will be included in the Commission's next bi-weekly Federal Register notice.

Sincerely,

ls/

Darl Hood, Project Manager
Project Directorate II-3
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 75 to NPF-17
2. Safety Evaluation

cc w/enclosures:

See next page

[TUCKER LTR 2/7]
OFFICIAL RECORD COPY

PDII-3
MRood
02/16/89

DH
PDII-3
DHood:ls
02/16/89

DH/m
PDII-3
DMatthews
02/1/89
3

QF01
11

8904030027 890328
PDR ADOCK 05000370
P PDC

CP/gh



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 28, 1989

Docket No.: 50-370

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: ISSUANCE OF AMENDMENT NO.75 TO FACILITY OPERATING LICENSE NPF-17 -
MCGUIRE NUCLEAR STATION, UNIT 2 (TAC 66086)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 75 to Facility Operating License NPF-17 for the McGuire Nuclear Station, Unit 2. The amendment is being issued in response to your application dated December 7, 1985.

The amendment deletes license condition 2.C(12) and referenced Table 1 from the operating license and replaces it with a condition which was a part of Table 1. The amendment is effective as of its date of issuance.

A copy of the related safety evaluation supporting Amendment No. 75 to Facility Operating License NPF-17 is enclosed.

Notice of issuance of the amendment will be included in the Commission's next bi-weekly Federal Register notice.

Sincerely,

A handwritten signature in dark ink that reads "Darl Hood".

Darl Hood, Project Manager
Project Directorate II-3
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 75 to NPF-17
2. Safety Evaluation

cc w/enclosures:
See next page

Mr. H. B. Tucker
Duke Power Company

McGuire Nuclear Station

cc:

Mr. A.V. Carr, Esq.
Duke Power Company
P. O. Box 33189
422 South Church Street
Charlotte, North Carolina 28242

Dr. John M. Barry
Department of Environmental Health
Mecklenburg County
1200 Blythe Boulevard
Charlotte, North Carolina 28203

County Manager of Mecklenburg County
720 East Fourth Street
Charlotte, North Carolina 28202

Mr. Dayne H. Brown, Chief
Radiation Protection Branch
Division of Facility Services
Department of Human Resources
701 Barbour Drive
Raleigh, North Carolina 27603-2008

Mr. J. S. Warren
Duke Power Company
Nuclear Production Department
P. O. Box 33189
Charlotte, North Carolina 28242

Mr. Alan R. Herdt, Chief
Project Branch #3
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

J. Michael McGarry, III, Esq.
Bishop, Liberman, Cook, Purcell
and Reynolds
1400 L Street, N.W.
Washington, D. C. 20005

Senior Resident Inspector
c/o U.S. Nuclear Regulatory Commission
Route 4, Box 529
Huntersville, North Carolina 28078

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

S. S. Kilborn
Area Manager, Mid-South Area
ESSD Projects
Westinghouse Electric Corporation
MNC West Tower - Bay 239
P. O. Box 355
Pittsburgh, Pennsylvania 15230

DATED: March 28, 1989

AMENDMENT NO. 75 TO FACILITY OPERATING LICENSE NPF-17 - McGuire Nuclear Station, Unit 2

DISTRIBUTION:

Docket File

NRC PDR

Local PDR

PD#II-3 R/F

McGuire R/F

S. Varga	14-E-4
G. Lainas	14-H-3
D. Matthews	14-H-25
M. Rood	14-H-25
D. Hood	14-H-25
OGC-WF	15-B-18
B. Grimes	9-A-2
E. Jordan	MNBB-3302
W. Jones	P-130A
T. Meek (4)	P1-137
ACRS (10)	P-135
GPA/PA	17-F-2
ARM/LFMB	AR-2015
E. Butcher	11-F-23
D. Hagan	MNBB-3302
S. Newberry	7-E-12
F. Rosa	8-D-20



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DUKE POWER COMPANY

DOCKET NO. 50-370

McGUIRE NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 75
License No. NPF-17

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the McGuire Nuclear Station, Unit 2 (the facility) Facility Operating License No. NPF-17 filed by the Duke Power Company (the licensee) dated December 7, 1985, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

8904030028 890328
PDR ADDCK 05000370
P FDC

2. Accordingly, Facility Operating License No. NPF-17 is hereby amended as follows:
 - A. Delete license condition 2.C.(12) and Table 1.
 - B. Add a new license condition 2.C.(12) to read as follows:

On failure of any reactor trip breaker or reactor trip bypass breaker, either in service or during testing (on either undervoltage or shunt coils), preserve evidence of failure and notify the Commission pursuant to Technical Specification 6.9.1.10.
3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Handwritten signature of David B. Matthews, consisting of a stylized 'D' and 'M' with the initials 'APL' written below the 'D'.

for David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Date of Issuance: March 28, 1989

2. Accordingly, Facility Operating License No. NPF-17 is hereby amended as follows:

A. Delete license condition 2.C.(12) and Table 1.

B. Add a new license condition 2.C.(12) to read as follows:

On failure of any reactor trip breaker or reactor trip bypass breaker, either in service or during testing (on either undervoltage or shunt coils), preserve evidence of failure and notify the Commission pursuant to Technical Specification 6.9.1.10.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

13/

David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Date of Issuance: March 28, 1989

OFFICIAL RECORD COPY

LA:PDII-3 MR06d 2/16/89	^{DSH} PM:PDII-3 DHood: 2/16/89	⁰²³ SEEB FRosa 2/16/89	SM SICB SNewberry 2/16/89	^{CB} OGC-WF R. Bachmann 2/12/89	^{PH km} D:PDII-3 DMatthews 3/1/89
-------------------------------	--	--	---	---	---



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 75 TO FACILITY OPERATING LICENSE NPF-17
DUKE POWER COMPANY
DOCKET NO. 50-370
MCGUIRE NUCLEAR STATION, UNIT 2

1.0 INTRODUCTION

By letter dated December 7, 1985, Duke Power Company (the licensee) proposed an amendment to delete paragraph 2.C(12) and referenced Table 1 from McGuire Unit 2 Operating License NPF-17. This paragraph is titled "Reactor Trip Breakers" and states that:

- a. By June 3, 1983, the licensee shall provide a program plan for conducting a life-test of the undervoltage trip attachment. The life-test program is to be reviewed by the staff before implementation.
- b. The licensee shall modify the design of the automatic shunt trip of the main reactor trip breakers to install an independent fusing scheme. This modification shall be implemented on a schedule consistent with the schedule requirements of the NRC Salem Task Force generic program.
- c. The licensee shall implement the reactor trip breaker and reactor trip bypass breaker testing and reporting as described in Table 1.
- d. Within 60 days from issuance of this amendment, the licensee shall provide the upgraded post-trip review procedures for NRC staff review.

Table 1 specifies periodic testing and reporting requirements for reactor trip breakers and reactor trip bypass breakers.

Additional changes proposed in the licensee's letter of December 7, 1985 have been addressed by previous Unit 2 Amendment 55 (and Unit 1 Amendment 74).

2.0 EVALUATION

In early 1983, following failures of Westinghouse DS-416 circuit breakers throughout the industry and at McGuire, the Commission added paragraph 2.C(12) to the operating license for McGuire Unit 2 to require specific measures to improve the reliability of reactor trip breakers. The licensee notes that the specific measures required by each of the above subparagraphs have been

completed and that paragraph 2.C(12) of NPF-17 is, therefore, unnecessary and should be deleted. Specifically:

- a. The program plan required by 2.C(12)a was provided to the NRC by letter dated June 3, 1983, and subsequently approved.
- b. The design modifications required by 2.C(12)b have been performed.
- c. Testing of reactor trip breakers and reactor trip bypass breakers has been addressed and approved subsequent to issuance of paragraph 2.C.(12)c. and referenced Table 1 by McGuire Unit 2 Amendment 55 (and Unit 1 Amendment 74). The amendments added periodic testing requirements to the McGuire Technical Specifications (TS) in accordance with NRC Generic Letter 85-09, "Technical Specifications for Generic Letter 83-28, Item 4:3."
- d. The procedures required by 2.C(12)d. were provided by letter dated July 22, 1983.

Thus, the proposed amendments remove obsolete (completed) requirements or (except as discussed below) requirements expressed elsewhere in the license as a TS requirement. Therefore, their removal is purely administrative and has no safety implication and is acceptable.

The staff notes that Table 1 contains a footnote which is not redundant to requirements expressed elsewhere in the license. The footnote states that "On failure of any reactor trip breaker or reactor trip bypass breaker, either in service or during testing (on either undervoltage or shunt coils), preserve evidence of failure and notify the Commission pursuant to Technical Specification 6.9.1.10." TS 6.9.1.10 requires reporting by telephone within 24 hours and a written followup report.

The Commission wishes to continue to have evidence preserved and to receive timely reporting if such failures occur. Accordingly, this footnote is retained by relocating it to paragraph 2.C(12) of NPF-17.

3.0 ENVIRONMENTAL CONSIDERATION

The amendment involves changes in recordkeeping, reporting, or administrative procedures and program requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

4.0 CONCLUSION

The Commission made a proposed determination that the amendment involves no significant hazards consideration which was published in the Federal Register (54 FR 7632) on February 22, 1989. The Commission consulted with the state of North Carolina. No public comments were received, and the state of North Carolina did not have any comments.

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: D. Hood, PD#II-3/DRP-1/II

Dated: March 28, 1989