

Docket Nos. 50-369
and 50-370

June 6, 1990

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
P.O. Box 1007
Charlotte, North Carolina 28201-1007

Dear Mr. Tucker:

SUBJECT: ISSUANCE OF AMENDMENT NO. 110 TO FACILITY OPERATING LICENSE NPF-9 AND
AMENDMENT NO. 92 TO FACILITY OPERATING LICENSE NPF-17 - MCGUIRE
NUCLEAR STATION, UNITS 1 AND 2 (TACs 71402 and 71403)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 110 to Facility Operating License NPF-9 and Amendment No. 92 to Facility Operating License NPF-17 for the McGuire Nuclear Station, Units 1 and 2. These amendments consist of changes to the Technical Specifications (TSs) in response to your application dated November 28, 1988, as revised February 15, 1990.

The amendments change the TSs by revising the administrative control requirements for the McGuire Safety Review Group.

A copy of the related Safety Evaluation supporting the amendments is also enclosed. Notice of issuance of the amendments will be included in the Commission's biweekly Federal Register notice.

Sincerely,

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

Enclosures:

1. Amendment No. 110 to NPF-9
2. Amendment No. 92 to NPF-17
3. Safety Evaluation

cc w/enclosures:

See next page

* See previous concurrence

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McGuire Nuclear Station

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DATED: June 6, 1990

AMENDMENT NO. 110 TO FACILITY OPERATING LICENSE NPF-9 - McGuire Nuclear Station, Unit 1
AMENDMENT NO. 92 TO FACILITY OPERATING LICENSE NPF-17 - McGuire Nuclear Station, Unit 2

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Docket Nos. 50-369
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Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
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The Nuclear Regulatory Commission has issued the enclosed Amendment No. 110 to Facility Operating License NPF-9 and Amendment No. 92 to Facility Operating License NPF-17 for the McGuire Nuclear Station, Units 1 and 2. These amendments consist of changes to the Technical Specifications (TSs) in response to your application dated November 28, 1988, as revised February 15, 1990.

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A copy of the related Safety Evaluation supporting the amendments is also enclosed. Notice of issuance of the amendments will be included in the Commission's biweekly Federal Register notice.

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Darl Hood, Project Manager
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DUKE POWER COMPANY

DOCKET NO. 50-369

McGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 110
License No. NPF-9

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the McGuire Nuclear Station, Unit 1 (the facility) Facility Operating License No. NPF-9 filed by the Duke Power Company (the licensee) dated November 28, 1988, and revised February 15, 1990, 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, 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.

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2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachment to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-9 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 110, are hereby incorporated into the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Technical Specification
Changes

Date of Issuance: June 6, 1990



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. 92
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 November 28, 1988, and revised February 15, 1990, 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, 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.

2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachment to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-17 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 92, are hereby incorporated into the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Technical Specification
Changes

Date of Issuance: June 6, 1990

ATTACHMENT TO LICENSE AMENDMENT NO. 110

FACILITY OPERATING LICENSE NO. NPF-9

DOCKET NO. 50-369

AND

TO LICENSE AMENDMENT NO. 92

FACILITY OPERATING LICENSE NO. NPF-17

DOCKET NO. 50-370

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

Removed Pages

XXI

6-7

-

Insert Pages

XXI

6-7

6-7a (new)

INDEX

ADMINISTRATIVE CONTROLS

<u>SECTION</u>	<u>PAGE</u>
<u>6.1 RESPONSIBILITY</u>	6-1
<u>6.2 ORGANIZATION</u>	
6.2.1 OFFSITE.....	6-1
6.2.2 UNIT STAFF.....	6-1
FIGURE 6.2-1 (Deleted).....	6-3
FIGURE 6.2-2 (Deleted).....	6-4
TABLE 6.2-1 MINIMUM SHIFT CREW COMPOSITION.....	6-5
6.2.3 McGUIRE SAFETY REVIEW GROUP (MSRG)	
Function.....	6-7
Composition.....	6-7
Responsibilities.....	6-7
Authority.....	6-7 a
Records.....	6-7 a
6.2.4 SHIFT TECHNICAL ADVISOR.....	6-7 a
<u>6.3 UNIT STAFF QUALIFICATIONS</u>	6-7 a
<u>6.4 TRAINING</u>	6-7 a
<u>6.5 REVIEW AND AUDIT</u>	
6.5.1 TECHNICAL REVIEW AND CONTROL	
Activities.....	6-8

ADMINISTRATIVE CONTROLS

6.2.3 MCGUIRE SAFETY REVIEW GROUP

FUNCTION

6.2.3.1 The McGuire Safety Review Group (MSRG) shall function to provide the review of plant design and operating experience for potential opportunities to improve plant safety; evaluation of plant operations and maintenance activities; and, to advise management on the overall quality and safety of plant operations. The MSRG shall make recommendations for revised procedures, equipment modifications, or other means of improving plant safety to appropriate station/corporate management.

COMPOSITION

6.2.3.2 The MSRG shall be composed of at least five dedicated, full-time engineers located on site. Each shall have either:

- (1) A bachelor's degree in engineering or related science and at least 2 years professional level experience in his/her field, at least 1 year of which experience shall be in the nuclear field; or
- (2) At least 5 years of nuclear experience and hold or have held a Senior Reactor Operator license; or
- (3) At least 8 years of professional level experience in his/her field, at least 5 years of which experience shall be in the nuclear field.

A minimum of 50% of these personnel shall have the qualifications specified in (1) above.

RESPONSIBILITIES

6.2.3.3 The MSRG shall be responsible for:

- a. Review of selected plant operating characteristics and other appropriate sources of plant design and operating experience information for awareness and incorporation into the performance of other duties.
- b. Review of the effectiveness of corrective actions taken as a result of the evaluation of selected plant operating characteristics and other appropriate sources of plant design and operating experience information.
- c. Review of selected programs, procedures, and plant activities, including maintenance, modification, operational problems, and operational analysis.
- d. Surveillance of selected plant operations and maintenance activities to provide independent verification* that they are performed correctly and that human errors are reduced to as low as practicable.
- e. Investigation of selected unusual events and other occurrences as assigned by Station Management or the Manager of Nuclear Safety Assurance.

*Not responsible for sign-off function.

ADMINISTRATIVE CONTROLS

6.2.3 McGUIRE SAFETY REVIEW GROUP (Continued)

AUTHORITY

6.2.3.4 The MSRG shall report to and advise the Manager of Nuclear Safety Assurance, on those areas of responsibility specified in Section 6.2.3.

RECORDS

6.2.3.5 Records of activities performed by the MSRG shall be prepared and maintained for the life of the station. Summary reports of activities performed by the MSRG shall be forwarded each calendar month to the Manager of Nuclear Safety Assurance.

6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall serve in an advisory capacity to the Shift Supervisor.

6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees, except for the Radiation Protection Manager who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975.

6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Station Manager and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix A of 10 CFR Part 55 and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees, and shall include familiarization with relevant industry operational experience identified by the MSRG.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 110 TO FACILITY OPERATING LICENSE NPF-9
AND AMENDMENT NO. 92 TO FACILITY OPERATING LICENSE NPF-17
DUKE POWER COMPANY
DOCKET NOS. 50-369 AND 50-370
MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

1.0 INTRODUCTION

By letter dated November 28, 1988, as revised February 15, 1990, Duke Power Company (the licensee) proposed amendments to change the name of the "Station Safety Review Group (SSRG)" in Technical Specification (TS) 6.2.3 to the "McGuire Safety Review Group (MSRG)." The change to TS 6.2.3 would also clarify and supplement the specified function, composition, responsibilities, reporting, and records requirements for the MSRG consistent with Item I.B.1.2 of NUREG-0737. Specifically:

- The function of the MSRG in TS 6.2.3.1 would be revised to specifically define the function of the group.
- The composition of the MSRG in TS 6.2.3.2 would be revised to add the qualification requirements for members of the group.
- The responsibilities requirement of TS 6.2.3.3 would be revised to replace a general statement with an itemized list of specific responsibilities.
- The reporting of the MSRG, specified by TS 6.2.3.4, would be revised to reflect that they report to the Manager of Nuclear Safety Assurance, rather than to the Director, Nuclear Safety Review Board.
- The recordkeeping and distribution requirements of TS 6.2.3.5 would be revised to require that records of MSRG activities be maintained for the life of the station, and that reports of MSRG activities be forwarded to the Manager of Nuclear Safety Assurance.

2.0 EVALUATION

TS 6.2.3 provides requirements regarding administrative controls for the SSRG. The SSRG represents the "Independent Safety Engineering Group" that is discussed by Item I.B.1.2 of NUREG-0737. At McGuire this group is known as the MSRG in order to distinguish it from similar groups at the licensee's other stations. The proposed change to TS 6.2.3 to replace SSRG by MSRG is a change in nomenclature to be consistent with licensee's terminology.

In late 1988, Duke Power Company made several changes in the organization of its Nuclear Production Department. Under this reorganization, the MSRGR reports to the Manager of Nuclear Safety Assurance instead of the Director of the Nuclear Safety Review Board. The proposed change to the TSs would reflect this organizational change. This change in reporting requirements for the MSRGR is purely an administrative change in that the Manager of Nuclear Safety Assurance also serves as the Director of the Nuclear Safety Review Board.

The NRC staff has reviewed the proposed changes. We find the proposed TSs to be consistent with the licensee's most recent organizational changes. We also find that the revised TSs will provide the necessary level of specificity to ensure effective control regarding the function, composition, responsibilities, reporting and records requirements for the MSRGR. The proposed changes continue to provide assurance of compliance with NUREG-0737, Item I.B.1.2, and are, therefore, acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

These amendments relate to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendments meet 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 these amendments.

4.0 CONCLUSION

The Commission made a proposed determination that the amendments involve no significant hazards consideration which was published in the Federal Register (54 FR 6193) on February 8, 1989. The licensee's subsequent Letter of February 15, 1990, revised the initial application regarding composition to provide increased specificity with respect to the qualifications of the MSRGR. It did not alter the Commission's initial determination of no significant hazards consideration. 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: D. Hood, PDII-3/DRP-I/II
F. Allenspach, LPEB

Dated: June 6, 1990