

August 25, 1982

Docket No. 50-369

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. 15 to Facility Operating License  
NPF-9 - McGuire Nuclear Station, Unit 1

The Nuclear Regulatory Commission has issued Amendment No. 15 to Facility Operating License NPF-9 for the McGuire Nuclear Station, Unit 1, located in Mecklenburg County, North Carolina.

This amendment is in response to your letters dated June 22, June 29, and August 3, 1982. The amendment extends the required implementation dates for upgraded meteorological and dose assessment capability. The amendment is effective as of its date of issuance.

A copy of the related safety evaluation report supporting Amendment No. 15 to Facility Operating License NPF-9 is enclosed. Also enclosed is a copy of a related notice which has been forwarded to the Office of the Federal Register for publication.

Sincerely,

*ES*  
Elinor G. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing

Enclosures:

1. Amendment No. 15
2. Safety Evaluation
3. Federal Register Notice

cc w/encl:  
See next page

8209160034 820825  
PDR ADOCK 05000369  
P PDR

\*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

CP  
51

OFFICE	DL:LB #4/LA	DL:LB #4	DL:LB #4				
SURNAME	MDuncan/hmc	*RBirke1	EAdensam				
DATE	7/1/82	7/1/82	8/19/82				

Docket No. 50-369

Mr. William O. Parker, Jr.  
Vice President Steam Production  
Duke Power Company  
P.O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Parker:

Subject: Issuance of Amendment No. to Facility Operating License  
NPF-9 - McGuire Nuclear Station, Unit 1

The Nuclear Regulatory Commission has issued Amendment No. to Facility Operating License NPF-9 for the McGuire Nuclear Station, Unit 1, located in Mecklenburg County, North Carolina.

This amendment is in response to your letters dated June 22 and June 29, 1982. The amendment extends the required implementation dates for upgraded meteorological and dose assessment capability. The amendment is effective as of its date of issuance.

A copy of the related safety evaluation report supporting Amendment No. to Facility Operating License NPF-9 is enclosed. Also enclosed is a copy of a related notice which has been forwarded to the Office of the Federal Register for publication.

Sincerely,

**"Original Signed By:**

Elinor G. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing

**Enclosures:**

1. Amendment No.
2. Safety Evaluation
3. Federal Register Notice

cc w/encl:

See next page

OFFICE	LA:DL:LB.#4	DL:LB.#4	DL:LB.#4				
SURNAME	MDuncan/hmc	RBirke	EAdensam				
DATE	7/1/82	7/1/82	7/1/82				

OFFICIAL RECORD COPY

USGPO: 1981-335-960

McGuire

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

cc: Mr. A. Carr  
Duke Power Company  
P.O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

Mr. S. J. Twogood  
Power Systems Division  
Westinghouse Electric Corp.  
P.O. Box 355  
Pittsburgh, Pennsylvania 1530

Mr. E. J. Keith  
EDS Nuclear Incorporated  
220 Montgomery Street  
San Francisco, California 94104

Mr. J. E. Houghtaling  
NUS Corporation  
2536 Countryside Boulevard  
Clearwater, Florida 33515

Mr. Jesse L. Riley, President  
The Carolina Environmental Study Group  
854 Henley Place  
Charlotte, North Carolina 28207

J. Michael McGarry, III, Esq.  
DeBevoise & Liberman  
1200 Seventeenth Street, N.W.  
Washington, D. C. 20036

Mr. David E. Smith  
City of Charlotte  
Legal Department  
600 E. Trade Street  
City Hall  
Charlotte, North Carolina 28211

Shelley Blum, Esq.  
1716 Scales Street  
Raleigh, North Carolina 27608

Attorney General  
Department of Justice  
Justice Building  
Raleigh, North Carolina 27602

Office of Intergovernmental Relations  
116 West Jones Street  
Raleigh, North Carolina 27603

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

Mr. Bruce Blanchard  
Environmental Projects Review  
Department of the Interior  
Room 4256  
18th and C Street, N.W.  
Washington, D. C. 20240

EIS Coordinator  
U.S. Environmental Protection Agency  
Region IV Office  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308

Chairman, North Carolina  
Utilities Commission  
430 North Salisbury Street  
Dobbs Building  
Raleigh, North Carolina 27602

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

Mr. Paul Bemis  
Resident Inspector McGuire NPS  
c/o U.S. Nuclear Regulatory Commission  
P.O. Box 216  
Cornelius, North Carolina 28031

OFFICE							
SURNAME							
DATE							

DUKE POWER COMPANY

DOCKET NO. 50-369

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 15  
License No. NPF-9

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment to the McGuire Nuclear Station, Unit 1 (the facility) Facility Operating License No. NPF-9 filed by the Duke Power Company (licensee) dated June 22, June 29, and August 3, 1982, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's 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 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 license amendment will not be inimical to the common defense and security or to the health and safety of the public;
  - 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 as follows:
  - A. Change paragraph 2.C.(11)n.(2) to read as follows:
    - (2) The licensee shall provide meteorological and dose assessment capability to meet the guidance of Appendix 2, NUREG-0654, Rev. 1, as follows: (1) a functional description of upgraded

8209160037 820825  
PDR ADOCK 05000369  
P PDR

OFFICE							
SURNAME							
DATE							

capabilities by January 1, 1982, and (2) full operational capability by July 31, 1983. (III.A.2, and Appendix C, Section H, page C-8)

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

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by  
Darrell G. Eisenhower

Darrell G. Eisenhower, Director  
Division of Licensing

Date of Issuance: August 25, 1982

\*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

OFFICE	LA:DL:LB #4	DL:LB #4	AEB	OELD	DL:LB #4	DL:LB #4	DL:LB #4
SURNAME	MDuncan/hmc	*RBirke1	*JFairobent	*JMCutchin	*EAdensam	*Novak	DEisenhut
DATE	7/1/82	7/1/82	7/1/82	7/15/82	7/19/82	8/3/82	8/25/82

DUKE POWER COMPANY

DOCKET NO. 50-369

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.  
License No. NPF-9

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment to the McGuire Nuclear Station, Unit 1 (the facility) Facility Operating License No. NPF-9 filed by the Duke Power Company (licensee) dated June 22 and June 29, 1982, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's 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 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 license amendment will not be inimical to the common defense and security or to the health and safety of the public;
  - 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 as follows:
  - A. Change paragraph 2.C.(11)n.(2) to read as follows:
    - (2) The licensee shall provide meteorological and dose assessment capability to meet the guidance of Appendix 2, NUREG-0654, Rev. 1, as follows: (1) a functional description of upgraded

OFFICE							
SURNAME							
DATE							

capabilities by January 1, 1982, and (2) full operational capability by April 1, 1983. (III.A.2, and Appendix C, Section H, page C-8)

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

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhower, Director  
Division of Licensing

Date of Issuance:

*No legal effect*

OFFICE	LA:DL:NB.#4	DL:LB.#4	DL:LB.#4	DL:LB.#4	DL:LB.#4	DL:LB.#4	DL:LB.#4
SURNAME	MDuncan/hmc	RBirkel	JFairbent	EADensam	RAPurp	DEisenhut	
DATE	7/1/82	7/1/82	7/1/82	7/15/82	7/1/82	7/1/82	7/1/82

SAFETY EVALUATION BY THE  
OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 15  
TO LICENSE NPF-9  
DUKE POWER COMPANY

INTRODUCTION

In a letter dated June 22, 1982, the licensee requested changes to the McGuire Nuclear Station, Unit 1, License No. NPF-9, License Condition 2.C.(11)n.(2) - Upgraded Meteorological and Dose Assessment Remote Interrogation Capability (III.A.2). The proposed changes involve extending the required implementation dates for a NUREG-0737 condition item.

EVALUATION

Pursuant to the TMI-related action items described in NUREG-0737, "Clarification of TMI Action Plan Requirements" which were approved by the Commission for implementation, the McGuire Unit 1 operating license is conditioned that the upgraded meteorological measurements system be described by January 1, 1982, installed by July 1, 1982, and fully operational by October 1, 1982.

In its letter of June 22, 1982, requesting changes to the dates for installation and operation, the licensee stated that delays principally in procurement activities would make the dates for installation and operation of the equipment unattainable. Subsequently, in its letter of June 29, 1982, the licensee indicated that necessary equipment ordered in January 1982 was not expected to be delivered until September 1982. The licensee has requested in its August 3, 1982, letter that the license condition for date of installation be removed, and that the license condition for date of operation be extended to July 1983.

From the information provided by the licensee concerning procurement activities, it appears that the licensee has made reasonable efforts to obtain the equipment necessary to upgrade the meteorological measurements system to conform with the guidance referenced in the license condition. Procurement was hampered because specific guidance on the details of upgraded meteorological measurements programs for emergency preparedness considerations was available to licensees only in draft form; however, general criteria and a proposed implementation schedule have been available to licensees in NUREG-0737 and -0654, Rev. 1, since their publication in November 1980.

8209160040 820825  
PDR ADDCK 05000369  
P PDR

OFFICE▶	.....	.....	.....	.....	.....	.....	.....
SURNAME▶	.....	.....	.....	.....	.....	.....	.....
DATE▶	.....	.....	.....	.....	.....	.....	.....



The meteorological measurements program currently available for dose assessments in an emergency situation has been reviewed by the staff and found to be acceptable as an interim program until operation of the fully upgraded measurement program. Meteorological data from the current onsite program, or from the National Weather Service station at Charlotte, N.C. if the onsite program is inoperable, can be readily incorporated into emergency procedures. The upgraded meteorological measurements program will facilitate the use of meteorological information and make onsite data available to appropriate local, state, and Federal agencies in the event of an emergency situation at McGuire. Use of the current interim program does not involve a significant decrease in the licensee's emergency response capability. The staff does not consider that elimination of the installation date of July 1, 1982, to represent a significant safety concern. The staff also recognizes that the upgraded meteorological measurements program cannot be fully operational by October 1982 if necessary equipment is not expected to be delivered until September 1982. Allowing time for installation, check-out, and calibration of the new system as well as development of emergency procedures to incorporate data in a different format, an extension in the operation date from October 1982 to July 1983 appears reasonable. We have discussed this extension with the licensee who is in agreement with the extended date. The staff is developing evaluation criteria for review of upgraded meteorological measurements programs, and will conduct post-implementation appraisals of these programs beginning in 1983.

#### ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

#### CONCLUSION

Based on the consideration discussed above, we have concluded that because the proposed action does not: (1) involve a significant increase in the probability or consequences of an accident previously evaluated; (2) create the possibility of an accident of a type different from any evaluated previously; or (3) involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration. Furthermore, we have concluded that there is reasonable

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

assurance that the health and safety of the public will not be endangered by operation in the proposed manner, that such activities will be conducted in compliance with the Commission's regulations, and that issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: August 25, 1982

Principal Contributors: J. Fairbent, Accident Evaluation Branch, DSI  
I. Spickler, Accident Evaluation Branch, DSI

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-369

DUKE POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT

FACILITY OPERATING LICENSE NO. NPF-9

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 15 to Facility Operating License No. NPF-9, issued to Duke Power Company (licensee) for the McGuire Nuclear Station, Unit 1 (the facility) located in Mecklenburg County, North Carolina. The amendment is effective as of its date of issuance.

This amendment extends the required implementation dates for upgraded meteorological and dose assessment capability.

Issuance of this amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

8209160041 820825  
PDR ADOCK 05000369  
P PDR

.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....

OFFICE▶	.....
SURNAME▶	.....
DATE▶	.....

OFFICIAL RECORD COPY

USGPO: 1981-335-960

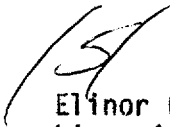
NRC FORM 318 (10-80) NRCM 0240

For further details with respect to this action, see (1) Duke Power Company letters dated June 22, June 29, and August 3, 1982, (2) Amendment No. 15 to Facility Operating License No. NPF-9 and (3) the Commission's related Safety Evaluation.

These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C., and the Atkins Library, University of North Carolina, Charlotte (UNCC Station), North Carolina 28223. A copy of these items may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 25th day of

FOR THE NUCLEAR REGULATORY COMMISSION

  
Elinor G. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing, NRR

\*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

OFFICE	LA:DL:LB #4	DL:LB #4	OELD	DL:LB #4			
SURNAME	*MDuncan/hmc	*RBirkel	*JMCutchin	EAdensam			
DATE	7/1/82	7/1/82	7/15/82	8/1/82			

For further details with respect to this action, see (1) Duke Power Company letters dated June 22 and June 29, 1982, (2) Amendment No. to Facility Operating License No. NPF-9 and (3) the Commission's related Safety Evaluation.

These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C., and the Atkins Library, University of North Carolina, Charlotte (UNCC Station), North Carolina 28223. A copy of these items may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this day of

FOR THE NUCLEAR REGULATORY COMMISSION

**\*Original Signed By:**

Elinor G. Adensam, Chief  
~~Licensing Branch No. 4~~  
 Division of Licensing, NRR

*No legal objection*

OFFICE	LA:DL:LB.#4	DL:LB.#4	QELD	DL:LB.#4			
SURNAME	MDuncan/hmc	RBirken	Cutler	EAdensam			
DATE	7/1/82	7/1/82	7/15/82	7/1/82			

August 25, 1982

AMENDMENT NO. 15 TO  
FACILITY OPERATING LICENSE NPF-9 - McGUIRE NUCLEAR STATION, UNIT NO. 1

DISTRIBUTION w/enclosures:

Docket No. 50-369  
LB #4 r/f  
R. Birkel  
M. Duncan  
I&E  
OELD  
E. Adensam  
R. Hartfield, MPA  
R. Diggs, ADM  
D. Eisenhower/R. Purple  
J. Souder  
T. Barnhart (4)

bcc w/enclosures:

NRC PDR  
Local PDR  
NSIC  
TERA  
A. Rosenthal, ASLAB  
ASLBP  
ACRS (16)  
W. Jones (10)