

DUKE POWER COMPANY

DOCKET NO. 50-359

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Facility Operating License No. NPF-9
Amendment No. 2

1. The Nuclear Regulatory Commission (the Commission) with respect to full power - full term operation of McGuire Nuclear Station, Unit 1 has found that:
 - A. The application for license filed by the Duke Power Company (the licensee) complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I and all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the McGuire Nuclear Station, Unit 1 (the facility) has been substantially completed in conformity with Construction Permit No. CPPR-83 and the application, as amended, the provisions of the Act and the regulations of the Commission;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the regulations of the Commission;
 - D. There is reasonable assurance: (i) that the activities authorized by this amendment to the operating license 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;
 - E. The licensee is technically and financially qualified to engage in the activities authorized by this license amendment in accordance with the Commission's regulations set forth in 10 CFR Chapter I;
 - F. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements", of the Commission's regulations;
 - G. 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;

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	8107140341	810708	.....	.....	.....	.....	.....
DATE ▶	PDR ADOCK	05000369	PDR	.....	.....	.....	.....

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of this amendment to Facility Operating License No. NPF-9 is in accordance with 10 CFR Part 51, of the Commission's regulations and all applicable requirements have been satisfied;
- I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license amendment will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.
- J. Prior public notice of this licensing action was given in, "Receipt of Application for Facility Operating Licenses; Availability of Applicant's Environmental Report; and Consideration of Issuance of Facility Operating Licenses and Notice of Opportunity for Hearing" (39 Fed. Reg. 20833-34; June 14, 1974). Hearings were held in connection with admitted contentions with respect to the operating license applications on March 28-31, April 1, 19-22, 1977; August 22-24, 30-31, 1978; and February 24-27, March 3-6, 10-13, 17-19, 1981, and an Initial Decision and a Supplemental Initial Decision issued, respectively, on April 18, 1979 and May 26, 1981.

2. Accordingly, Facility Operating License NPF-9 is amended by the following changes;

(a) Change paragraph 2.C.(1) to read:

Maximum Power Level

The licensee is authorized to operate the facility at reactor core power levels not in excess of 3411 megawatts thermal (100% power).

(b) Change paragraph 2.C.(8) to read:

Radioactive Waste Treatment System

Prior to initial criticality, the licensee shall ensure the operability of radwaste systems to the satisfaction of the Office of Inspection and Enforcement including completion or testing of HEPA filters and charcoal adsorbers associated with all ventilation systems.

(c) Add paragraph 2.C.(11)h.(3) to read:

Operation of the hydrogen mitigation igniter system shall be activated upon a safety injection signal with accompanying indications of a loss of coolant accident.

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

FOR THE NUCLEAR REGULATORY COMMISSION

Carroll S. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Date of Issuance: JUL 8 1981

*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

OFFICE	DL:LB.#4/LA...	DL:LB.#4	OELD	DL:LB.#4	AD:L/DL	DIR/DL	
SURNAME	*MRushbrook/hmc	*RBirke1	*EKetchen	EAdensam	RFedesco	DEisenhut	
DATE	6/24/81	6/24/81	6/26/81	7/ /81	7/ /81	7/6 /81	

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of this amendment to Facility Operating License No. NPF-9 is in accordance with 10 CFR Part 51, of the Commission's regulations and all applicable requirements have been satisfied;
- I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license amendment will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.
- J. Prior public notice of this licensing action was given in, "Receipt of Application for Facility Operating Licenses; Availability of Applicant's Environmental Report; and Consideration of Issuance of Facility Operating Licenses and Notice of Opportunity for Hearing" (39 Fed. Reg. 20833-34; June 14, 1974). Hearings were held in connection with admitted contentions with respect to the operating license applications on March 28-31, April 1, 19-22, 1977; August 22-24, 30-31, 1978; and February 24-27, March 3-6, 10-13, 17-19, 1981, and an Initial Decision and a Supplemental Initial Decision issued, respectively, on April 18, 1979 and May 26, 1981.

2. Accordingly, Facility Operating License NPF-9 is amended by the following changes;

(a) Change paragraph 2.C.(1) to read:

Maximum Power Level

The licensee is authorized to operate the facility at reactor core power levels not in excess of 3411 megawatts thermal (100% power). Operation of the facility is subject to compliance with construction items listed in Attachment 1.

(b) Add paragraph 2.C.11.h.(3) to read:

Operation of the hydrogen mitigation igniter system shall be activated upon a safety injection signal with accompanying indications of a loss of coolant accident.

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

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhut, Director
 Division of Licensing
 Office of Nuclear Reactor Regulation

*Stip. to issuing
 5/24/81
 E.K. See
 6/20 p. 1
 not collected*

*Check
 not
 always
 done*

*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

	Date of Issuance:					
OFFICE	DL:LB.#4/LA	DL:LB.#4	OELD	DL:LB.#4	AD:L/DL	DIR/DL
SURNAME	*MRushbrook/hmc	*RBirkel	*Eketchen	EAdensam	RTedesco	DEisenhut
DATE	6/24/81	6/24/81	6/26/81	6/ /81	6/ /81	6/ /81

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of this amendment to Facility Operating License No. NPF-9 is in accordance with 10 CFR Part 51, of the Commission's regulations and all applicable requirements have been satisfied;
- I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license amendment will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.
- J. Prior public notice of this licensing action was given in, "Receipt of Application for Facility Operating Licenses; Availability of Applicant's Environmental Report; and Consideration of Issuance of Facility Operating Licenses and Notice of Opportunity for Hearing" (39 Fed. Reg. 20833-34; June 14, 1974). Hearings were held in connection with admitted contentions with respect to the operating license applications on March 28-31, April 1, 19-22, 1977; August 22-24, 30-31, 1978; and February 24-27, March 3-6, 10-13, 17-19, 1981, and an Initial Decision and a Supplemental Initial Decision issued, respectively, on April 18, 1979 and May 26, 1981.

2. Accordingly, the license is amended by changing paragraph 2.C.(1) of Facility Operating License NPF-9 to read as follows:

2.C.(1) Maximum Power Level

The licensee is authorized to operate the facility at reactor core power levels not in excess of 3411 megawatts thermal (100% power).

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

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhut, Director
 Division of Licensing
 Office of Nuclear Reactor Regulation

Date of Issuance:

*E.K. 6/29/81 -
 comment on
 Dir. Amend. #2 and
 on Notice #2 and
 10 CFR 51.41
 of 1974 regulations*

*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

OFFICE	LA:LB #4/DL	DL:LB #4	OELD	DL:LB #4	AD:L/DL	DIR/DL
SURNAME	*MRushbrook/hmc	RBirke1	*EKetchen	EAdensam	RTedesco	DEisenhut
DATE	6/24/81	6/24/81	6/26/81	6/ /81	6/ /81	6/ /81

DUKE POWER COMPANY

DOCKET NO. 50-369

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Facility Operating License No. NPF-9
Amendment No. 2

1. The Nuclear Regulatory Commission (the Commission) with respect to full power - full term operation of McGuire Nuclear Station, Unit 1 has found that:
 - A. The application for license filed by the Duke Power Company (the licensee) complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I and all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the McGuire Nuclear Station, Unit 1 (the facility) has been substantially completed in conformity with Construction Permit No. CPPR-83 and the application, as amended, the provisions of the Act and the regulations of the Commission;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the regulations of the Commission;
 - D. There is reasonable assurance: (i) that the activities authorized by this operating license 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;
 - E. The licensee is technically and financially qualified to engage in the activities authorized by this license in accordance with the Commission's regulations set forth in 10 CFR Chapter I;
 - F. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements", of the Commission's regulations;
 - G. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public;

- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of this amendment to Facility Operating License No. NPF-9 is in accordance with 10 CFR Part 51, of the Commission's regulations and all applicable requirements have been satisfied;
- I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.
- J. Prior public notice of this licensing action was given in, "Receipt of Application for Facility Operating License; Availability of Applicant's Environmental Report; and Consideration of Issuance of Facility Operating Licenses and Notice of Opportunity for Hearing" (39 Fed. Reg. 20833-34; June 14, 1974). Hearings were held in connection with admitted contentions with respect to the operating license applications on March 28-31, April 1, 19-22, 1977; August 22-24, 30-31, 1978; and February 24-27, March 3-6, 10-13, 17-19, 1981, and an Initial Decision and Supplemental Decision issued, respectively, on April 18, 1979 and May 26, 1981.

2. Accordingly, the license is amended by changing paragraph 2.C.(1) of Facility Operating License NPF-9 to read as follows:

2.C.(1) Maximum Power Level

The licensee is authorized to operate the facility at reactor core power levels not in excess of 3411 megawatts thermal (100% power).

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

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhut, Director
 Division of Licensing
 Office of Nuclear Reactor Regulation

Date of Issuance:

S.K. - subject 6/29 E.K. for comment not comment in Amend. #2 see notes D.L. & F.R. notes.

*NOTE SEE PREVIOUS WHITE FOR CONCURRENCE

OFFICE	LA:LB #4/DL	DL:LB #4	OELD <i>DL</i>	DL:LB #4	AD:L/DL	DIR/DL	
SURNAME	MRushbrook/hmc	*RBinkel	EKitchen	EAdensam	RTedesco	DEisenhut	
DATE	6/24/81	6/24/81	6/26/81	6/ /81	6/ /81	6/ /81	

DUKE POWER COMPANY

DOCKET NO. 50-369

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Facility Operating License No. NPF-9
Amendment No. 2

*(with respect to full power - full term
100% power) operation of McGuire Nuclear
Station, Unit 1*

1. The Nuclear Regulatory Commission (the Commission) has found that:

~~A. The issuance of this license Amendment to Duke Power Company (Licensee), for its McGuire Nuclear Station, Unit 1 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations set forth in 10 CFR Chapter I;~~

~~B. The facility will operate in conformity with the license, 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;~~

~~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.~~

~~F. Prior public notice of this amendment was not required since it does not involve a significant hazards consideration.~~

Add Insert "A" as last lettered subpara. under para. 1.

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for 100% o.l.;
i.e., repeat
D.L.
para. 2.A -
i.e., here.*

2. Accordingly, the license is amended by changing paragraph 2.C.(1) of Facility Operating License NPF-9 to read as follows:

Add: Commission conditions if any

2.C.(1) Maximum Power Level

The licensee is authorized to operate the facility at reactor core power levels not in excess of 3411 megawatts thermal (100% power).

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

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Date of Issuance:

*E.K. Subject to comp lines or Amendment 2
with comments on Amendment 2
Amendment for note also addition
to cc list*

OFFICE	LA:LB.#4/DL	DL:LB.#4	OELD	DL:LB.#4	AD:L/DL	DIR/DL	
SURNAME	MRush/Dok/hmc	RBirkel	EKetchen	FAdensam	RTedesco	DEisenhut	
DATE	6/2/81	6/24/81	6/25/81	6/ /81	6/ /81	6/ /81	