

October 2, 2000

Mr. Michael F. Hammer  
Site General Manager  
Monticello Nuclear Generating Plant  
Nuclear Management Company, LLC  
2807 West County Road 75  
Monticello, MN 55362-9637

SUBJECT: MONTICELLO NUCLEAR GENERATING PLANT - ISSUANCE OF AMENDMENT  
RE: ALTERNATE SHUTDOWN SYSTEM OPERABILITY REQUIREMENTS  
(TAC NO. MA9603)

Dear Mr. Hammer:

The Commission has issued the enclosed Amendment No. 113 to Facility Operating License No. DPR-22 for the Monticello Nuclear Generating Plant. The amendment consists of changes to the Technical Specifications (TSs) in response to the application dated July 18, 2000.

The amendment changes the TSs to add operability requirements for the No. 12 residual heat removal service water pump.

A copy of our related safety evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

**/RA/**

Carl F. Lyon, Project Manager, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-263

Enclosures: 1. Amendment No. 113 to DPR-22  
2. Safety Evaluation

cc w/encl: See next page

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DISTRIBUTION

PUBLIC OGC  
PDIII-1 Reading ACRS  
CCraig WBeckner  
FLyon GHill(2)  
RBouling RLanksbury, RGN-III \*Previously concurred

OFFICE	PDIII-1/PM	PDIII-1/LA	SPLB/SC	OGC	PDIII-1/SC
NAME	FLyon	RBouling	EWeiss*	AHodgdon*	BWetzel for CCraig
DATE	9/25/00	9/27/00	8/16/00	8/21/00	9/28/00

ACCESSION NO. ML003756212

OFFICIAL RECORD COPY

Monticello Nuclear Generating Plant

cc:

J. E. Silberg, Esquire  
Shaw, Pittman, Potts and Trowbridge  
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Washington, DC 20037

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
2807 W. County Road 75  
Monticello, MN 55362

Plant Manager  
Monticello Nuclear Generating Plant  
ATTN: Site Licensing  
Northern States Power Company  
2807 West County Road 75  
Monticello, MN 55362-9637

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Citizens Association (MECCA)  
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Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
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Commissioner of Health  
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Buffalo, MN 55313

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700 First Street  
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NUCLEAR MANAGEMENT COMPANY, LLC

DOCKET NO. 50-263

MONTICELLO NUCLEAR GENERATING PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 113

License No. DPR-22

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by the licensee dated July 18, 2000, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations 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;
  - 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 amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.2 of Facility Operating License No. DPR-22 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 113, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance and shall be implemented within 45 days.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA by B. Wetzel for/*

Claudia M. Craig, Chief, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

Date of Issuance: October 2, 2000

ATTACHMENT TO LICENSE AMENDMENT NO. 113

FACILITY OPERATING LICENSE NO. DPR-22

DOCKET NO. 50-263

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

REMOVE

227c

INSERT

227c

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 113 TO FACILITY OPERATING LICENSE NO. DPR-22

NUCLEAR MANAGEMENT COMPANY, LLC  
MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

## 1.0 INTRODUCTION

By application dated July 18, 2000, the licensee requested changes to the Technical Specifications (TSs) for Monticello Nuclear Generating Plant. The proposed amendment would change the TSs to add operability requirements for the No. 12 residual heat removal service water (RHRSW) pump.

## 2.0 BACKGROUND

Appendix R of 10 CFR Part 50 requires licensees to provide the ability to achieve and maintain safe shutdown conditions in the event of a fire. In order to comply with Appendix R, NSP installed an alternate shutdown system (ASDS) to provide the required protection in the event of a fire in the control room or cable spreading room. The ASDS provides alternate control from the ASDS panel of the minimum necessary Division II systems to achieve safe shutdown. Among other systems, controls are provided for the No. 12 RHRSW pump to remove heat from the torus.

NRC Generic Letter (GL) 81-12 requested that licensees propose TSs to provide limiting conditions for operation (LCOs) of alternate shutdown equipment not already covered by existing TSs. In Monticello's case, there is not a TS which specifically requires that the No. 12 RHRSW pump be operable. TS 3.13.H, "Alternate Shutdown System," requires that, "The system controls on the ASDS panel shall be operable whenever that system/component is required to be operable." TS 3.5.C, "Containment Spray/Cooling System," requires that both containment spray/cooling subsystems be operable whenever irradiated fuel is in the reactor vessel and reactor water temperature is greater than 212°F. Previously, two supporting RHRSW pumps were required to be operable for their associated containment spray/cooling subsystem to be considered operable. Amendment No. 102, issued on September 16, 1998, modified TS 3.5.C to require that only one of the two supporting RHRSW pumps be operable for its associated containment spray/cooling subsystem to be considered operable; however, it did not specify a particular RHRSW pump. Therefore, the No. 12 RHRSW pump is not specifically required to be operable by the current TSs.

The licensee's proposed TS change adds specific operability requirements for the No. 12 RHRSW pump and meets the intent of GL 81-12.

### 3.0 EVALUATION

The licensee proposes to change TS 3.13.H.1 to require the No. 12 RHRSW pump be operable from the ASDS panel whenever there is irradiated fuel in the reactor vessel and reactor temperature is above 212°F. The change is consistent with the operability requirements for the No. 12 RHRSW pump that existed prior to Amendment No. 102 and is specific to the pump's alternate shutdown safety function. The licensee also proposes to change TS 3.13.H.2 to provide an action statement for the No. 12 RHRSW pump that is consistent with the action statement for other components controlled from the ASDS panel. The change does not reduce any operability requirement of TS 3.5.C and is consistent with the operability requirements for the No. 12 RHRSW pump that existed prior to Amendment No. 102.

The proposed changes reduce no operability requirements of TS 3.5.C, meet the intent of GL 81-12, and restore the operability requirements for the No. 12 RHRSW pump that existed prior to Amendment No. 102; therefore, they are acceptable to the staff.

### 4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Minnesota State official was notified of the proposed issuance of the amendment. The State official had no comments.

### 5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding (65 FR 51361). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). 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.

### 6.0 CONCLUSION

The Commission has 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) 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: F. Lyon

Date: October 2, 2000