

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

Monticello Nuclear Generating Plant

Docket No. 50-263

REQUEST FOR AMENDMENT TO  
OPERATING LICENSE NO. DPR-22  
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(License Amendment Request Dated April 1, 1975)

Northern States Power Company, a Minnesota corporation, requests authorization for changes to the Technical Specifications as shown on the attachments labeled Exhibit A and Exhibit B. Exhibit A describes the proposed changes along with reasons for the change. Exhibit B is a set of Technical Specification pages incorporating the proposed changes.

This request contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

L J Wachter

L J Wachter  
Vice President, Power Production &  
System Operation

On this 1<sup>st</sup> day of April, 1975, before me a notary public in and for said County, personally appeared L J Wachter, Vice President, Power Production & System Operation, and first being duly sworn acknowledged that he is authorized to execute this document in behalf of Northern States Power Company, that he knows the contents thereof and that to the best of his knowledge, information and belief, the statements made in it are true and that it is not interposed for delay.

John J. Smith  
**JOHN J. SMITH**  
Notary Public, Hennepin County, Minnesota  
Commission Expires March 2, 1976

EXHIBIT A  
MONTICELLO NUCLEAR GENERATING PLANT  
DOCKET NO. 50-263

LICENSE AMENDMENT REQUEST DATE APRIL 1, 1975

PROPOSED CHANGES TO TECHNICAL SPECIFICATIONS  
APPENDIX A, OF PROVISIONAL OPERATING  
LICENSE DPR-22

Pursuant to 10CFR50.59, the holders of Provisional Operating License DPR-22 hereby propose the following changes to Appendix A, Technical Specifications.

1. SPECIFICATION 3.7/4.7 AND BASES

PROPOSED CHANGE

Replace pages 145, 149, 159, 160, 165, and 166 with the corresponding pages from Exhibit B.

REASON FOR CHANGE

This change is submitted in accordance with a letter dated January 7, 1975 from Mr. D. L. Ziemann, Chief, Operating Reactors Branch #2, Directorate of Licensing, USAEC. This letter requested Northern States Power Company to submit an Application for License Amendment incorporating a number of revisions to the current Limiting Conditions for Operation and Surveillance Requirements for the Standby Gas Treatment System.

Substantially all of the changes requested in the draft Technical Specifications accompanying Mr. Ziemann's letter are contained in our proposed Technical Specifications. In some cases, however, deviations from the Commission's draft of January 7, 1975 have been made. These deviations and the reasons for making them are fully explained in the following table:

NRC 1/7/75 Draft  
Specification No.

Deviations from NRC 1/7/75 Draft in the NSP  
License Amendment Request and Reasons for Them

3.7.B.2.a

"Cold DOP" has been changed to "DOP" throughout the NSP submittal. Because of the volume of air flow in the Standby Gas Treatment System, NSP employs heated DOP to produce a poly-disperse aerosol of approximately the same particle size distribution as that put out by air-operated generators.

The mean diameter of the DOP particles has been specified.

3.7.B.2.c

The requirement to demonstrate fan operation within  $\pm 10\%$  of design flow has been deleted. Fan flow is a function of Secondary Containment leakage rate and is measured annually in accordance with Specification 4.7.C.1.a.

## EXHIBIT A

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### NRC 1/7/75 Draft Specification No.

### Deviations from NRC 1/7/75 Draft in the NRP License Amendment Request and Reasons for Them

#### 4.7.B.1.c

The requirement to demonstrate uniform air distribution within  $\pm 20\%$  across the HEPA filters and charcoal adsorber has been deleted. This specification is applicable only to new filter system designs and was not a part of the Design Specifications for the Monticello system. Actual air distribution variation is believed to be greater than  $\pm 20\%$  and there is no provision for readily determining it.

#### 4.7.B.2.d

Running each circuit of the Standby Gas Treatment System at least 10 hours monthly is not required at Monticello. The Standby Gas Treatment System Room is heated by the plant heating system to keep the temperature of all components above the dewpoint. This prevents condensation and the resulting loss of efficiency of the filters and adsorber. Redundant electrical heaters are provided in the event the main heating system is inoperable. The electrical heaters are thermostatically controlled and are energized at 72°F.

#### 4.7.B.3.e

The requirement to perform gasket and door leakage tests has been deleted. All components of the Standby Gas Treatment System are located in a separate room outside of Secondary Containment. The fan is the last component in each circuit assuring that all leakage will be air-leakage of uncontaminated air. Excessive leakage will be detected when the testing required by Specification 4.7.C.1.a is performed.

#### 4.7.B.4

The requirement to inspect all system drains has been deleted. There is only one loop-seal in the Monticello system and it returns condensation to the Radwaste System located within Secondary Containment. There is no potential for bypass leakage.

#### 4.7.B.4.b

The requirement to demonstrate operability of the bypass valve has been deleted. There is no component serving this purpose in the Monticello system.

#### 3.7.B Bases

Corrected to clearly point out that in-place DOP and Swen tests are both essentially leakage tests and not efficiency tests.

#### 4.7.B bases

The method of obtaining the adsorber sample for methyl iodide efficiency tests has been clarified.

Bases for deleted surveillance requirements have been removed.

## EXHIBIT A

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### 2. FIGURE 6.1.1

#### PROPOSED CHANGE

Substitute the revised Figure 6.1.1 contained in Exhibit B for the current Figure 6.1.1 on page 193.

#### REASON FOR CHANGE

A major reorganization of the corporate structure of Northern States Power Company occurred on June 1, 1974 as described in a letter from Mr. L. O. Mayer, NSP, to Mr. J. F. O'Leary, USAREC, dated June 10, 1974. The proposed changes correct the corporate organization chart to reflect the new organization.

### 3. FIGURE 6.1.2

#### PROPOSED CHANGE

Add the new plant position of "Training Supervisor" to the Functional Organization Chart for the On-Site Operating Group under the Superintendent - Operation & Maintenance.

#### REASON FOR CHANGE

This is a newly created position in the plant operating organization. The Training Supervisor is responsible for conducting the Monticello Operator Requalification Program.

### 4. SPECIFICATION 6.2

#### PROPOSED CHANGE

Substitute the revised Specification 6.2.A contained in Exhibit B, pages 195 to 198, for the current Specification 6.2.A on pages 195 to 198.

#### REASON FOR CHANGE

This changes updates the Technical Specification covering the review and audit function of the Safety Audit Committee to incorporate the June 1, 1974 NSP reorganization. It also reflects more accurately the current functioning and responsibilities of the Safety Audit Committee.