

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

REQUEST FOR AMENDMENT TO  
OPERATING LICENSE DPR-22

LICENSE AMENDMENT REQUEST DATED October 21, 1991

Northern States Power Company, a Minnesota corporation, requests authorization for changes to Appendix A of the Monticello Operating License as shown on the attachments labeled Exhibits A, B and C. Exhibit A describes the proposed changes, describes the reasons for the changes, and contains a significant hazards evaluation. Exhibit B and C are copies of the Monticello Technical Specifications incorporating the proposed changes.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

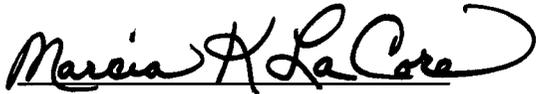


Thomas M Parker

Manager

Nuclear Support Services

On this 21<sup>st</sup> day of October 1991 before me a notary public in and for said County, personally appeared Thomas M Parker, Manager Nuclear Support Services, and being first duly sworn acknowledged that he is authorized to execute this document on 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.



## EXHIBIT A

### Monticello Nuclear Generating Plant

#### License Amendment Request Dated October 21, 1991

#### Evaluation of Proposed Changes to the Technical Specifications for Operating License DPR-22

Pursuant to 10 CFR Part 50, Section 50.59 and 50.90, the holders of Operating License DPR-22 hereby propose the following changes:

#### Proposed Changes

- a) Add the "Reactor Feedwater Pump Trip" Limiting Conditions for Operation and associated note "D" to protective instrument specifications Table 3.2.8, as shown in Exhibit B, page 60d.
- b) Add the "Reactor Feedwater Pump Trip" Surveillance Requirements to protective instrument calibration, Table 4.2.1, as shown in Exhibit B, page 63.
- c) Update the Bases as shown in Exhibit B, page 69.
- d) Change "3.5.F.2" to "3.5.D" as shown in Exhibit B, page 60d, under Required Condition B.
- e) Change "a." to "1." as shown in Exhibit B, page 60d, under Function B and C.
- f) Change "Turbine" to "Pump" as shown in Exhibit B, page 60d, under Function C.
- g) Delete "(Turbine/Feedwater Trip only)" and add "within 24 hours" as shown in Exhibit B, page 60d, under Note 1.

#### Reason for Changes

NRC letter dated September 20, 1989 entitled "Request for Action Related to Resolution of Unresolved Safety Issue A-47 'Safety Implication of Control Systems in LWR Nuclear Power Plants' Pursuant to 10 CFR 50.54(f) - Generic Letter 89-19" requested that we respond to the recommendations in Enclosure 2. We reviewed the recommendations in Enclosure 2 to Generic Letter 89-19 and concluded that all of the applicable recommendations are satisfied, except that testing of the overflow protection operability is not included in the Monticello Technical Specifications. Overflow protection at Monticello is provided by Reactor Feedwater Pump Trip circuitry. The Reactor Feedwater Pump Trip has and is being tested. We committed in our response to Generic Letter 89-19 on May 4, 1990 to revise the Monticello Technical Specifications to

include requirements to periodically verify the operability of the Reactor Feedwater Pump Trip to ensure overflow protection. The proposed changes a) through c) satisfies that commitment.

Proposed change d) corrects the reference to the RCIC system in Section 3.5 which was revised with the issuance of License Amendment No. 79, dated April 9, 1991.

Proposed change e) makes consistent the function numbering system.

Proposed change f) clarifies the function description.

Proposed change g) deletes unnecessary reference, and adds a time limit to the limiting condition of operation that was not there.

#### Safety Evaluation and Determination of Significant Hazards Considerations

The proposed change to the Operating License has been evaluated to determine whether it constitutes a significant hazards consideration as required by 10 CFR Part 50, Section 50.91 using standards provided in Section 50.92. This analysis is provided below:

1. The proposed amendment will not involve a significant increase in the probability or consequences of an accident previously evaluated.

The overflow protection system is a commercial grade system that mitigates main feedwater overfeed events during reactor power operation. The reactor feedwater pump trip instrument limiting conditions for operation and surveillance requirements are being added to the Technical Specifications. These requirements are part of current plant practice. Other proposed changes correct or clarify existing wording.

Therefore, this amendment will not cause an increase in the probability or consequences of an accident previously evaluated for the Monticello plant.

2. The proposed amendment will not create the possibility of a new or different kind of accident from any accident previously analyzed.

This is an administrative change which simply adds an existing testing requirement to the Technical Specifications and makes a number of minor wording corrections. Therefore, the proposed amendment will not create the possibility of a new or different kind of accident.

3. The proposed amendment will not involve a significant reduction in the margin of safety.

This is an administrative change which simply adds an existing testing requirement to the Technical Specifications and makes a number of minor wording changes. Therefore, this amendment will not reduce the margin of safety.

Based on this guidance and the reasons discussed above, we have concluded that the proposed changes do not involve a significant hazards consideration.

Environmental Assessment

This license amendment request does not change effluent types or total effluent amounts nor does it involve an increase in power level. The changes are administrative in nature. Therefore, this amendment will not result in any significant environmental impact.

Exhibit B

Monticello Nuclear Generating Plant

License Amendment Request dated October 21, 1991

Proposed Changes Marked Up on Existing  
Technical Specification Pages

Exhibit B consists of the existing Technical Specification pages with the proposed changes marked up on those pages. Existing pages affected by this change are listed below:

Page

60d

63

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