

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

License Amendment Request Dated February 4, 1987

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 Exhibit A, B, C and D. Exhibit A describes the proposed changes, reasons for the changes and provides a significant hazards evaluation. Exhibit B shows the proposed wording changes. Exhibit C is a copy of the Monticello Technical Specifications incorporating the proposed changes. Exhibit D is a copy of the General Electric report entitled, "Additional Rod Block Monitor Setpoints for Monticello Using ARTS."

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By David Musolf  
David Musolf  
Manager - Nuclear Support Services

On this 4th day of February, 1987 before me a notary public in and for said County, personally appeared David Musolf, 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.

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PDR ADOCK 05000263  
P PDR

Judy A. Klapperick

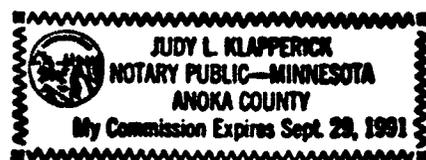


Exhibit A

Monticello Nuclear Generating Plant  
License Amendment Request Dated February 4, 1987

Evaluation and Description of the Proposed Changes to the  
Technical Specifications Appendix A of  
Operating License DPR-22

Pursuant to 10 CFR Part 50, Sections 50.59 and 50.90, the holders of Operating License DPR-22 hereby propose the following changes to Appendix A, Technical Specifications:

RBM Upscale Setpoints Changes

Proposed Change

Change the RBM Upscale Setpoints in Table 3.2-3 as follows:

	<u>Old</u>	<u>Proposed</u>
LTSP	115	120
ITSP	109	115
HTSP	105	110

Change the value of MCPR of 1.20 to 1.30 in the associated Bases on page 67.

Reason For Change

The existing setpoints for the RBM were determined from a generic analysis which assumed a 1.20 MCPR prior to the postulated rod withdrawal error. General Electric has performed additional analyses for an initial MCPRs of 1.30 (Exhibit D). Since these analyses started further from the critical power (or the initial minimum critical power ratio was further from the safety limit of 1.07), a larger increase in the local power is allowed prior to initiating a rod block. The setpoints proposed are conservative for an initial MCPR of 1.30.

## 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 the 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.

General Electric has performed an analysis supporting the proposed setpoints for an initial MCPR of 1.30 (Exhibit D). This analysis used the same methodology used to calculate the existing setpoints. The only change is a different value of initial MCPR--1.30 instead of 1.20. Since the current cycle's lowest allowed MCPR is 1.36 and the analysis allows setpoints actually slightly higher than those proposed, the proposed setpoints are conservative. Therefore, the proposed setpoints will not involve a significant increase in the probability or consequences of any accident previously evaluated.

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

The proposed change in RBM setpoints will not create the possibility of a new or different kind of accident since the change makes relatively minor changes to the existing setpoints.

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

Since the proposed setpoints have been determined by approved NRC methodology, this change will not involve a significant reduction in the margin of safety.

The Commission has provided guidance (March 6, 1986 Federal Register) concerning the application of the standards in 10 CFR 50.92 for determining whether a significant hazards consideration exists by providing certain examples of amendments that will likely be found to involve no significant hazards considerations. The changes to the Monticello Technical Specifications proposed in this amendment request are representative of NRC example (vi): because they involve changes that either may result in some increase to the probability or consequences of a previously-analyzed accident or may reduce in some way a safety margin, but where the results of the change are clearly within all acceptable criteria. Based on this guidance and the reasons discussed above, we have concluded that the proposed changes do not involve a significant hazards consideration.