

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 DECEMBER 18, 1989

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. Exhibits 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 18 day of December 1989 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 is not interposed for delay.



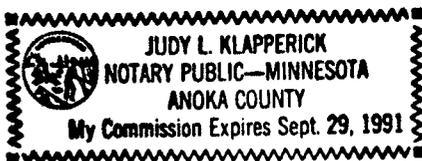


Exhibit A

Monticello Nuclear Generating Plant

License Amendment Request dated December 18, 1989

Evaluation of Proposed Changes to the Technical Specifications
Appendix A of 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 to Appendix A Technical Specifications:

Proposed Changes

Add a Note 5 to Table 6.1.1 which reads;

"5. One LSO position shall be filled by an individual who meets the Shift Technical Advisor training criteria of NUREG-0737, Item I.A.1.1 and one of the following educational alternatives:

- 1) Bachelor's Degree in engineering from an accredited institution;
- 2) Professional Engineer's license obtained by successful completion of the Professional Engineer's examination;
- 3) Bachelor's Degree in engineering technology from an accredited institution including course work in physical, mathematical, or engineering sciences; or
- 4) Bachelor's Degree in a physical science from an accredited institution, including course work in the physical, mathematical, or engineering sciences.

If a qualified individual to staff the combined LSO/STA position is not available, a dedicated Shift Technical Advisor shall be on duty, in addition to two licensed senior operators. The dedicated Shift Technical Advisor shall meet the criteria of NUREG-0737, Item I.A.1.1. The Shift Technical Advisor will review plant logs, participate in shift turnover, and maintain awareness of plant configuration and status."

Add a reference to Note 5 in Table 6.1.1 under the column entitled, "STARTUP OR RUN MODE (Mode 4) OR $\geq 212^{\circ}\text{F}$ " for License Senior Operators.

Delete the category, "Shift Technical Advisor", from Table 6.1.1.

Reason for Changes

The Monticello Technical Specifications currently require a Shift Technical Advisor position, which is to be filled whenever the plant is in the startup mode, run mode or is greater than or equal to 212°F . This position was instituted at Monticello in late 1979 and later incorporated into the Technical Specifications in 1981. The purpose of instituting the Shift Technical Advisor position was to provide qualified technical support to assist the operating staff in the event of off-normal plant behavior.

Subsequent staff guidance indicated that the need for the Shift Technical Advisor position might be eliminated when the qualifications of shift supervisors and senior operators, and the man-machine interface to the control room, were upgraded. As such, programs were initiated to provide opportunities for operations personnel to obtain bachelor's degrees, with the goal of having individuals with technical degrees in charge of each shift, thereby eliminating the need for a separate Shift Technical Advisor position. Generic Letter 86-04, "Policy Statement on Engineering Expertise on Shift", identified a combined Senior Reactor Operator/Shift Technical Advisor position as the preferred option for meeting the requirements for engineering expertise on shift. This license amendment request is being submitted to incorporate the combined Senior Reactor Operator/Shift Technical Advisor position as the preferred option in the Technical Specifications. The proposed change will still allow the use of a dedicated Shift Technical Advisor position if sufficient numbers of qualified individuals do not exist to staff the combined LSO/STA position for the operating shifts.

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 provide 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.

This change does not affect the physical configuration of the plant or how it is operated. The purpose of the Shift Technical Advisor position is to provide qualified technical support to assist the operating staff in the event of off-normal plant behavior. The qualifications of the Shift Technical Advisor position have been incorporated into the requirements for the combined LSO/STA position, the result being that the combined LSO/STA position will be able to provide the same qualified technical support to assist the operating staff in the event of off-normal plant behavior. The number of people making up the minimum shift crew composition is decreasing by one. The number of people making up the new minimum shift crew composition is acceptable, since the Shift Technical Advisor position was previously added to provide engineering expertise on shift and not because of a deficiency in the number of people making up the shift crew. The level of expertise on shift will not be diminished as a result of this change. Therefore, this change will not involve a significant increase in the probability or consequences of an 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.

This change does not affect the physical configuration of the plant or how it is operated. The purpose of the Shift Technical Advisor position is to provide qualified technical support to assist the operating staff in the event of off-normal plant behavior. The qualifications of the Shift Technical Advisor position have been incorporated into the requirements for the combined LSO/STA position, the result being that the combined LSO/STA position will be able to provide the same qualified technical support to assist the operating staff in the event of off-normal plant behavior. The number of people making up the minimum shift crew composition is decreasing by one. The number of people making up the new minimum shift crew composition is acceptable, since the Shift Technical Advisor position was previously added to provide engineering expertise on shift and not because of a deficiency in the number of people making up the shift crew. The level of expertise on shift will not be diminished as a result of this change. Therefore, this change will not create the possibility of a new or different kind of accident from any accident previously analyzed.

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

This change does not affect the physical configuration of the plant or how it is operated. The purpose of the Shift Technical Advisor position is to provide qualified technical support to assist the operating staff in the event of off-normal plant behavior. The qualifications of the Shift Technical Advisor position have been incorporated into the requirements for the combined LSO/STA position, the result being that the combined LSO/STA position will be able to provide the same qualified technical support to assist the operating staff in the event of off-normal plant behavior. The number of people making up the minimum shift crew composition is decreasing by one. The number of people making up the new minimum shift crew composition is acceptable, since the Shift Technical Advisor position was previously added to provide engineering expertise on shift and not because of a deficiency in the number of people making up the shift crew. The level of expertise on shift will not be diminished as a result of this change. Therefore, 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 (i): because they are purely administrative changes. There is no change to the physical configuration of the plant or how the plant is operated. This change is consistent with guidance provided in the Commission's Generic Letter 86-04, "Policy Statement on Engineering Expertise on Shift". For the reasons discussed above, we have concluded that the proposed changes do not involve a significant hazards consideration.

Environmental Assessment

This license amendment does not affect the physical configuration of the plant, how it is operated, the effluent types or involve an increase in reactor power level. Therefore, this change will not result in any impact to the environment.