

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 November 5, 1976)

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 5th day of November, 1976, 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.

Denise E. Branahl

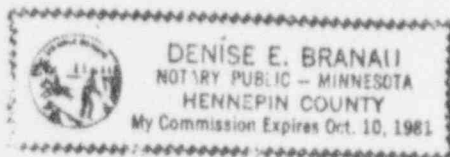


EXHIBIT A

MONTICELLO NUCLEAR GENERATING PLANT
Docket No 50-263

LICENSE AMENDMENT REQUEST
DATED NOVEMBER 5, 1976

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

Pursuant to 10 CFR 50.59, the holders of Provisional Operating License DPR-22 hereby propose the following changes to the Appendix A Technical Specifications:

Specification and Bases 3.7/4.7.A - Primary Containment

PROPOSED CHANGES

1. Reword Specification 3.7.A.6 and create a new specification, 3.7/4.7.A.7, Drywell-Suppression Chamber Differential Pressure, as shown on proposed page 147B of Exhibit B. This is a newly created page.
2. Include two paragraphs in the Bases as shown on proposed pages 159 and 164 of Exhibit B. These Bases changes are in support of item 1 above.

NOTE

The specifications identified above are also subject to change under previous amendment requests. In response to an August 13, 1975 request from Mr K R Goller, proposed changes were submitted on January 30, 1976 and resubmitted on May 4, 1976. Since no action has been taken on those submittals, and may not be for some time, the present changes are proposed as changes to the existing Technical Specifications. When NRC action is taken on the May 4, 1976 submittal, any action taken on the present proposal must be incorporated also.

REASONS FOR CHANGE

These changes are proposed in response to an October 4, 1976 request from Mr D L Ziemann for changes in four areas:

1. Drywell to torus differential pressure
2. Drywell to torus differential pressure monitoring instrumentation
3. Revised torus water volume requirements
4. Torus water level instrumentation

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Action taken in these areas and action made necessary in other areas is as follows.

A drywell to torus differential pressure of greater than or equal to 1 psi was implemented as a temporary measure eight months ago. It was not incorporated as a Technical Specification at that time because plant modifications were anticipated as a short term measure to alleviate the need for the differential. This proposed Specification is offered explicitly as an interim Specification with the intention that the conclusions of the long term program, and measures to be implemented on the basis of that program, will support its removal from the Technical Specifications.

Therefore, a change has been submitted proposing a Technical Specification on "Drywell-Suppression Chamber Differential Pressure". It contains two major deviations from the model in Mr Ziemann's letter. First the specification is written identically to the containment inerting specification with an allowance of two additional hours to establish the differential following inerting and also to equalize pressure prior to deinerting; this is in line with the understanding of the way the differential would be maintained at the time it was implemented. Secondly, the exemption for testing has been proposed as three hours rather than two hours; experience shows that two hours is unreasonably restrictive.

Specifications have not been proposed for the drywell to torus differential pressure instrumentation and the torus water level instrumentation as requested. The philosophy under which the Monticello Technical Specifications were written was that only instrumentation having automatic protective functions be included; monitoring instrumentation was not included. Rather, the requirement was simply stated that the parameter be monitored. This is consistent with our interpretation of 10 CFR 50.36. It is also consistent with other Technical Specifications, both old and new, as well as the Standardized Technical Specifications. We therefore conclude that requirements on the subject instrumentation are inappropriate.

The analysis of blowdown forces, as discussed in Exhibit C, shows that there is no need to revise the Technical Specifications related to torus water volume. Therefore no change is proposed regarding volume.

In proposing the above changes, an additional page was required. Specification 3.7.A.6 was moved from page 148 to a newly proposed page 147B. It was also limited to the existing portions (3.7.A.1 through 3.7.A.5) rather than all of 3.7.A, since a section 3.7.A.7 was added to which 3.7.A.6 does not apply.

SAFETY EVALUATION

Since no plant design changes or changes in the mode of operation are proposed with this amendment request, there is no direct impact on the safety of the

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plant. The proposed Technical Specification changes merely formalize and document conditions that presently exist. Supporting information is included in the list of references below and in the material further referenced in each of those documents.

1. "Specific Responses to October 4, 1976 Letter from D L Ziemann to L O Mayer", Exhibit C of this submittal.
2. "License Amendment Request Dated March 11, 1976", submitted to V Stello by L O Mayer on March 11, 1976.
3. License Amendment No 18, issued by D L Ziemann to L O Mayer on April 14, 1976.
4. "Documentation of Basis for Continued Operation", Letter from L O Mayer to V Stello, dated February 6, 1976.
5. "Confirmation of Understanding that Drywell to Torus Differential Pressure be Established", Letter from B C Rusche to L O Mayer, dated February 27, 1976.
6. "Additional Containment Design Information", Letter from L O Mayer to V Stello, dated February 27, 1976.
7. "Establishment of Drywell-Torus Differential Pressure", Letter from L O Mayer to V Stello, dated March 1, 1976.
8. "Mark I Containment Evaluation Short Term Program", Letter from L O Mayer to V Stello, dated May 7, 1976.
9. "Monticello In-Plant Safety/Relief Valve Test", Letter from V Stello to L O Mayer, dated May 21, 1976.
10. "Additional Containment Design Information", Letter from L O Mayer to V Stello, dated August 11, 1976.
11. Request for Additional Information on Mark I Containment Program, Letter from D L Ziemann to L O Mayer, dated August 13, 1976.
12. "Mark I Containment Information", Letter from L O Mayer to V Stello, dated October 12, 1976.

License Amendment Request Dated November 5, 1976

Exhibit B

This exhibit consists of the following pages revised or added to incorporate all of the proposed Technical Specification Changes:

147B (Newly created page)
148
159
164