



Northern States Power Company

414 Nicollet Mall  
Minneapolis, Minnesota 55401-1927  
Telephone (612) 330-5500

June 25, 1991

10 CFR Part 50  
Section 50.90

U S Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

License Amendment Request Dated June 25, 1991  
Pressurizer Power Operated Relief Valve Changes

Attached is a request for a change to the Technical Specifications, Appendix A of the Operating Licenses, for the Prairie Island Nuclear Generating Plant. This request is submitted in accordance with the provisions of 10 CFR Part 50, Section 50.90.

Generic Letter 90-06, "Resolution of Generic Issue 70, "Power-Operated Relief Valve and Block Valve Reliability", and Generic Issue 94, "Additional Low-Temperature Overpressure Protection for Light Water Reactors", Pursuant to 10 CFR 50.54(f)", provided NRC Staff guidance on Technical Specification changes that should be implemented to improve the reliability of the Pressurizer Power Operated Relief Valves (PORVs) and the availability of the low temperature overpressure protection system.

This license amendment request proposes changes to the Prairie Island Technical Specifications provided in response to Generic Letter 90-06. The Technical Specification changes proposed by this License Amendment Request are consistent with the recommendations of Generic Letter 90-06 except as noted below and in our response to Generic Letter 90-06, dated December 21, 1991. In that response we addressed each of Technical Specification modifications recommended by the NRC Staff in Generic Letter 90-06 and provided justification where our proposed changes to the Prairie Island Technical Specifications would differ from the NRC Staff guidance.

Not addressed in our December 21, 1991 response was the PORV lift setting included in the Limiting Condition for Operation for the low temperature overpressure protection system shown in Attachment L-1 to Generic Letter 90-06. The current Prairie Island low temperature overpressure protection system specification does not include the PORV lift setting. Because this lift

A019  
1/1

June 25, 1991

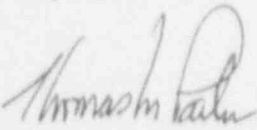
Page 2

setting is periodically revised, and would require periodic license amendment requests to be maintained current, it is not being incorporated into the Prairie Island Technical Specifications. Instead a discussion of the basis for the PORV lift setpoint and when it will be updated is being incorporated into the bases for the low temperature overpressure protection Technical Specifications.

Additionally, Generic Letter 90-06 stated that for plants with existing Technical Specifications for PORVs used for low temperature overpressure protection, only certain portions of the modified Technical Specifications in Attachment B-1 to the Generic Letter were required to be incorporated. All other changes that would result from the implementation of Attachment B-1 were stated to be voluntary. The PORV lift settings were included in a portion of the modified Technical Specifications that was considered voluntary.

Exhibit A contains a description of the proposed changes, the reasons for requesting the changes and the supporting safety evaluation/significant hazards determination. Exhibit B contains current Prairie Island Technical Specification pages marked up to show the proposed changes. Exhibit C contains the revised Technical Specification pages.

Please contact us if you have any questions related to this License Amendment Request.



Thomas M Parker  
Manager  
Nuclear Support Services

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Senior Resident Inspector, NRC  
MPCA  
Attn: J W Ferman  
J E Silberg

Attachments:

Affidavit

Exhibit A - Evaluation of Proposed Changes to the Technical Specifications

Exhibit B - Proposed Changes Marked Up on Existing Technical Specification Pages

Exhibit C - Revised Technical Specification Pages