

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Docket No. 50-282
50-306

REQUEST FOR AMENDMENT TO
OPERATING LICENSE NOS. DPR-42 & DPR-60

(Revision No. 1 to License Amendment Request Dated June 24, 1983)

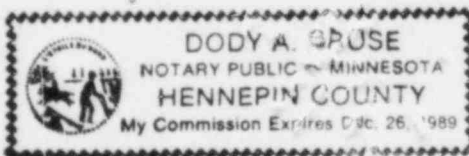
Northern States Power Company, a Minnesota corporation, request authorization for changes to the Technical Specifications as shown on the attachments labeled Exhibit A and Exhibit B. Exhibit A describes the proposed changes along with reasons for the change. Exhibit B is a set of Technical Specification pages incorporating the proposed changes. Exhibit C identifies corrections to an Exxon Nuclear Corporation technical report.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By David Musolf
David Musolf
Manager - Nuclear Support Services

On this 29th day of July, 1983 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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EXHIBIT A

Prairie Island Nuclear Generating Plant

Revision No. 1 to License Amendment Request - Dated June 24, 1983

Proposed Changes to the Technical Specifications
Appendix A of Operating License DPR-42 and 60

Pursuant to 10 CFR 50.59 and 50.90, the holders of Operation License DPR-42 and 60 hereby propose the following changes to Appendix A, Technical Specification:

K(Z) Curve

Proposed Change

Modify the K(Z) curve per attached Figure TS.3.10-5. This change lowers the third line segment [(10.8, .942) to (12.0, .430) on the attached Figure TS.3.10-5] of the K(Z) curve.

Reason for Change

The third line segment is mainly controlled by the small break LOCA analysis. Since only the large break LOCA was recalculated, the small break F_0 limit should not change. Since this is a normalized curve, the third line segment must be shifted down such that:

$$2.21x[\text{present } K(Z)] = 2.32x[\text{proposed } K(Z)].$$

The proposed K(Z) curve is attached.

Significant Hazards Evaluation

The evaluation provided in the June 24, 1983 submittal is still applicable.