



Northern States Power Company

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March 19, 1997

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**

**Supplement 6 to License Amendment Request Dated January 29, 1997**  
**Amendment of Cooling Water System Emergency Intake Design Bases**

This letter is submitted to supplement the subject license amendment request pursuant to discussions with the NRC Staff. Supplement 5 proposed license conditions which would provide the basis for issuance of the subject license amendment. This supplement proposes to revise License Conditions 1 and 2 as follows:

License Condition 1) NSP will provide a licensed operator in the control room on an interim basis for the dedicated purpose of identifying an earthquake which results in a decreasing safeguards cooling water bay level. This operator will be in addition to the normal NSP administrative control room staffing requirements and will be provided until License Condition 2 is satisfied.

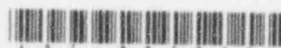
License Condition 2): NSP will submit dynamic finite element analyses of the intake canal banks by July 1, 1997 for NRC review. By December 31, 1998, NSP will complete, as required, additional analyses or physical modifications which provide the basis for extending the time for operator post-seismic cooling water load management and eliminating the dedicated operator specified in License Condition 1.

License Condition 3 remains as proposed in Supplement 5.

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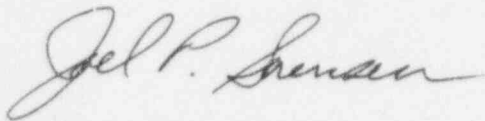


The dedicated operator specified in License Condition 1 will be an additional operator assigned to the control room each shift. This additional operator will participate in control room duties which can be immediately terminated and do not prevent identifying an earthquake which results in a decreasing safeguards cooling water bay level. This operator may perform such duties as: review work packages; prepare isolations for work packages; review surveillance procedures for a reformatting project; conduct biennial review of operating procedures; assist the Shift Manager in reviewing alarm printouts and daily log printouts; and participate in control room discussions of plant operating issues.

NSP wishes to withdraw the probabilistic evaluation, Safety Evaluation, Section III, and the specific numeric probability given in the Safety Evaluation Conclusions presented in Supplement 5.

A revised Safety Evaluation, Significant Hazards Determination and Environmental Assessment have not been submitted since these evaluations, as presented in the original submittal and previous supplements, continue to bound the proposed license amendment as supplemented by this letter.

If you have any questions related to this supplement to the subject license amendment request, please contact myself or Dale Vincent at 612-388-6758.



Joel P. Sorensen  
Plant Manager,  
Prairie Island Nuclear Generating Plant

c: Regional Administrator - III, NRC  
NRR Project Manager, NRC  
Senior Resident Inspector, NRC  
State of Minnesota  
Attn: Kris Sanda  
J E Silberg

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY  
PRAIRIE ISLAND NUCLEAR GENERATING PLANT

DOCKET Nos. 50-282  
50-306

REQUEST FOR AMENDMENT TO  
OPERATING LICENSES DPR-42 & DPR-60

LICENSE AMENDMENT REQUEST DATED January 29, 1997  
Amendment of Cooling Water System Emergency Intake Design Bases

Northern States Power Company, a Minnesota corporation, by this letter dated March 19, 1997, provides supplemental information in support of the subject license amendment request dated January 29, 1997. This letter revises two of the three previously proposed license conditions and withdraws the probabilistic evaluation presented in Supplement 5.

This letter and its attachments contain no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

Joel P. Sorensen  
Joel P. Sorensen  
Plant Manager,  
Prairie Island Nuclear Generating Plant

On this 19<sup>th</sup> day of March 1997 before me a notary public in and for said County, personally appeared, Joel P. Sorensen, Plant Manager, Prairie Island Nuclear Generating Plant, 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.

Marcia K. LaCore

