



Northern States Power Company

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June 18, 1982

Director
Office of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Washington, DC 20555

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

Submittal of Updated Safety Analysis Report (USAR)

Pursuant to 10CFR 50.71(e) we hereby submit 13 copies of the Updated Safety Analysis Report (USAR) for the Prairie Island Nuclear Generating Plant. The USAR is a new document which updates the information in the Final Safety Analysis Report (FSAR) for the period from the time the last amendment was submitted on May 3, 1974 through December 31, 1981. The USAR will be revised on an annual basis per 10CFR Part 50.71(e).

Sections of the FSAR which were necessary for the Operating License application but do not relate to operational phase activities such as start-up testing, construction contractor/licensee interfaces, personnel resumes, proposed Technical Specifications, etc. have not been included in the USAR. Sections and appendices of the FSAR which were separate licensing basis documents and that are essentially unchanged such as meteorological, hydrological, seismological studies, etc. have not been included in the USAR. All of the above-mentioned material is still readily available in the FSAR, which continues to be the "licensing basis document". This material has been referenced in the USAR as appropriate. Other self-standing documents that are revised on a frequent basis and are readily available at the licensee facilities such as the Emergency Plan, Quality Assurance Plan, Security Plan, etc. have not been included in the USAR, except for references which indicate the current revision and date of NRC approval or acceptance of those documents.

The program to update the FSAR was contracted to a consulting firm who expended about 85 man-months work over an 14-month period. It was necessary to review and catalog about 10 years of licensee files. This information was used to provide drafts of updated chapters for the USAR which underwent several stages of review by the licensee and consultant. We believe that the level of attention given to the preparation of the USAR has resulted in a document that accurately presents the changes made to the plant and the analyses performed since the final amendment to the FSAR. With a project of this magnitude, however, it is possible that some inconsistencies or errors may not have been identified and corrected

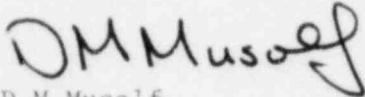
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in the review process. If any deviations of this nature are identified, they will be noted for correction in the next annual USAR revision. In addition, if the deviation is judged to be highly significant, we would verbally inform the NRR Project Manager and determine whether any further action is required prior to the next annual revision.

It is NSP's intent to base all future 10CFR50.59 determinations for "changes in the facility as described in the Safety Analysis Report" and "changes in the procedures as described in the Safety Analysis Report" upon the current USAR. Changes to the Prairie Island plant made in 1981 or tests conducted in 1981 that were reportable under 10CFR 50.59 were separately reported in the Annual Operating Report submitted to the NRC Regional Administrator-III on February 26, 1982. It is our intent to include an attachment to letters transmitting future USAR revisions which will describe changes, test and experiments made under the provisions of 10CFR50.59, including a brief summary of the safety evaluation for each change, thereby eliminating the need for a separate annual 50.59 submittal.



D M Musolf
Acting Head-Nuclear Support Services

DMM/bd

cc: Regional Administrator-III (1 copy of USAR)
NRC Resident Inspector (1 copy of USAR-controlled)
NRR Project Manager (w/o enclosure)
G Charnoff (w/o enclosure)

Enclosure

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Docket No. 50-282
50-306

LETTER DATED JUNE 18, 1982
SUBMITTAL OF UPDATED SAFETY ANALYSIS REPORT (USAR)

Northern States Power Company, a Minnesota corporation, by this letter dated June 18, 1982 hereby submits the Updated Safety Analysis Report (USAR) for the Prairie Island Plant in accordance with the requirements of 10CFR50.71(e)

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

DM Musolf

D M Musolf

Acting Head-Nuclear Support Services

On this 18th day of June, 1982 before me a notary public in and for said County, personally appeared D M Musolf, Acting Head-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.

Betty J. Dean

