



Northern States Power Company  
Prairie Island Nuclear Generating Plant  
1717 Wakonade Dr. East  
Welch, Minnesota 55089

November 20, 1995

Generic Letter 87-02

U S Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

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

Response to Generic Letter 87-02, Verification of  
Seismic Adequacy of Mechanical and Electrical Equipment  
in Operating Reactors. Unresolved Issue (USI) A-46

On February 19, 1987, the NRC issued Generic Letter 87-02, "Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Issue (USI) A-46". This Generic Letter encouraged utilities to participate in a generic program to resolve verification issues associated with USI A-46. As a result, the Seismic Qualification Utility Group (SQUG) developed the "Generic Implementation Procedure (GIP) for Seismic Verification of Nuclear Plant Equipment".

On May 22, 1992, the NRC Staff issued Generic Letter 87-02, Supplement 1, which constituted the NRC Staff's review of the GIP and which included Supplemental Safety Evaluation Report Number 2 (SSER-2) on the GIP, Revision 2, corrected on February 14, 1992. The NRC letter to SQUG enclosing SSER-2 requests that SQUG members provide to the NRC a schedule for implementing the GIP. Via letter dated September 21, 1992, we notified the Staff that we would implement the GIP and would provide a Summary Report as outlined by the GIP by November 20, 1995. This Summary Report is attached to this letter. The Summary Report is in two parts:

1. USNRC USI A-46 Resolution Seismic Evaluation Report, Prairie Island Nuclear Generating Plant Units 1 and 2, November 1995, prepared by

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Stevenson & Associates

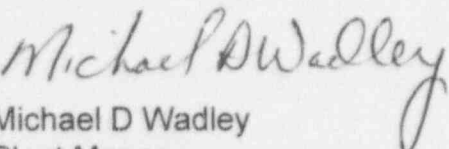
2. USNRC USI A-46 Resolution SSEL and Relay Evaluation Report, Revision 0, November 1995, Volume I of VI prepared by Engineering Planning and Management, Inc.

As a result of our implementation of the GIP for Prairie Island, outliers were identified, as discussed in the Summary Report. We commit to resolving all of the outliers, we do not intend to leave any outliers unresolved. We will evaluate resolution options available and we commit to submitting to the NRC our schedule for accomplishing all resolutions within 90 days of the end of our Unit 1 refueling outage scheduled to start in January 1996.

Charging pump speed control is also an issue requiring resolution. It is discussed in Section 3.2.3 of the "SSEL and Relay Evaluation Report" portion of the Summary Report rather than in the lists of outliers elsewhere in the report. Although speed control isn't listed in the report as a seismic outlier, it will be treated as an outlier until resolved; thus, we commit to resolution of the concern. Resolution may be different than that outlined in the discussion of Section 3.2.3.

Regarding the future use of GIP for Prairie Island, we may use the GIP methodology to verify the seismic adequacy of any new or replacement equipment or parts.

Please contact Jack Leveille (612-388-1121, Ext. 4662) if you require further information.

  
Michael D Wadley  
Plant Manager  
Prairie Island Nuclear Generating Plant

c: Regional Administrator - III, NRC  
NRR Project Manager, NRC  
Sr Resident Inspector, NRC  
J Silberg

Attachments (see next page)

- Attachments:
- a) Affidavit to the US Nuclear Regulatory Commission
  - b) Summary Report consisting of 2 parts:
    - 1. USNRC USI A-46 Resolution Seismic Evaluation Report, Prairie Island Nuclear Generating Plant Units 1 and 2, November 1995, prepared by Stevenson & Associates
    - 2. USNRC USI A-46 Resolution SSEL and Relay Evaluation Report, Revision 0, November 1995. Volume I of VI prepared by Engineering Planning and Management, Inc.

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

DOCKET NO. 50-282

DOCKET NO. 50-306

Response to Generic Letter 87-02, Supplement 1  
Verification of Seismic Adequacy of Mechanical and Electrical  
Equipment in Operating Reactors, Unresolved Issue (USI) A-46

Northern States Power Company, a Minnesota corporation, by this letter dated November 20, 1995 hereby submits information required by Generic Letter 87-02, Supplement 1 for the Prairie Island Nuclear Generating Plant.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By Michael D Wadley  
Michael D Wadley  
Plant Manager  
Prairie Island Nuclear Generating Plant

On this 20<sup>th</sup> day of November 1995 before me a notary public in and for said County, personally appeared, Michael D Wadley, 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 LaCora

