



Northern States Power Company

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

April 29, 1985

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

Additional Information Related to  
Resolution of Generic Task Action Plan Item A-2,  
Asymmetric Blowdown Loads

The purpose of this letter is to provide updated information related to our plans and schedule for resolving Generic Issue A-2 at the Prairie Island Nuclear Generating Plant. This letter supplements and updates the information provided in our submittal of October 24, 1984.

WCAP-10639, forwarded with our October 24, 1984 letter, provides the basis for eliminating postulated large breaks for structural design purposes in Unit No. 1. As reported earlier, the effects of thermal aging for all piping segments in Unit 2 could not be shown to fall under the envelope of thermally aged material for which Westinghouse has fracture toughness data.

To resolve this matter for Unit No. 2, we will authorize additional work to be performed by Westinghouse. This will include:

1. Identify those specific pipe sections in Unit No. 2 not meeting current criteria from a review of as-built drawings.
2. Qualify under present methods all possible Unit No. 2 pipe sections.
3. Perform intensive review of any available new data in an attempt justify less restrictive criteria for the remaining pipe sections in Unit No. 2.

Following completion of this work, Westinghouse will prepare a licensing topical report (WCAP) for NRC review. This work should be completed by July 1, 1985.

8505070310 850429  
PDR ADDCK 05000282  
P PDR

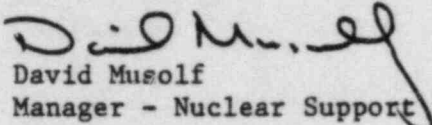
1001  
1/0

Director of NRR  
April 29, 1985  
Page 2

Northern States Power Company

We believe the approach outlined above will meet with acceptance by the NRC Staff. This will permit us to submit a request for exemption from the requirements of GDC-4 of Appendix A to 10 CFR Part 50 as permitted by NRC Generic Letter 84-04 for both Prairie Island units.

Please contact us if you have any questions related to our plans for resolving this matter.

  
David Musolf  
Manager - Nuclear Support Services

DMM/dab

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
G Charnoff