



Northern States Power Company

414 Nicollet Mall  
Minneapolis, Minnesota 55401  
Telephone (612) 330-5500  
Generic Letter 88-03

May 13, 1988

Director of Nuclear Reactor Regulation  
U S Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

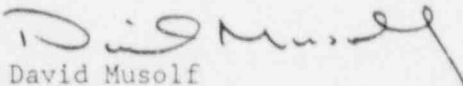
PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

Resolution of Generic Safety Issue 93,  
Steam Binding of Auxiliary Feedwater Pumps

The purpose of this letter is to respond to NRC Generic Letter 88-03 for the Prairie Island Nuclear Generating Plant.

In response to NRC IE Bulletin 85-01, procedures were established to monitor fluid conditions within the auxiliary feedwater system and ensure that fluid temperature at the discharge of the pumps is maintained at about ambient conditions. Procedures to require monitoring at least once per shift will be maintained in effect. In response to NRC IE Bulletin 85-01, procedures were also established to recognize steam binding if it would occur and for restoring the auxiliary feedwater system to operable status. These procedures will be maintained in effect.

The general matter of reliability of check valves is being addressed by Northern States Power Company and the nuclear utility industry. The Electric Power Research Institute (EPRI) has recently completed a comprehensive analysis of check valve applications, limitations, and inspection techniques. The EPRI work was prompted by an Institute of Nuclear Power Operations (INPO) finding that misapplication and inadequate preventive maintenance are the primary causes of check valve failure. Improved maintenance and testing will help prevent any increase in check valve failures due to plant age. Please contact us if you have any questions related to the information we have provided.

  
David Musolf  
Manager Nuclear Support Services

c: Regional Administrator, Region III, NRC  
NRC Sr Resident Inspector  
NRC Project Manager  
G Charnoff

8805250258 880513  
PDR ADOCK 05000282  
DCD

A063  
11

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

DOCKET NOS. 50-282  
50-306

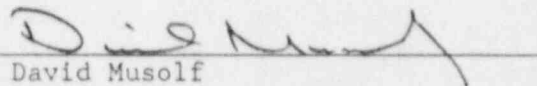
RESPONSE TO GENERIC LETTER 88-03  
RESOLUTION OF GENERIC SAFETY ISSUE 93,  
"STEAM BINDING OF AUXILIARY FEEDWATER PUMPS"

Northern States Power Company, a Minnesota corporation, hereby submits information in response to Generic Letter 88-03.

This submittal contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By



David Musolf  
Manager Nuclear Support Services

On this 13<sup>th</sup> day of May 1988 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.

