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SUBJECT: Responds to Generic Ltr 91-11, "Resolution of Generic Issues
48, 'LCOs for Class 1E Vital Instrument Buses' & 49,
'Interlocks & LCOs for Class 1E Tie Breakers.'"

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414 Nicollet Mall
Minneapolis, Minnesota 55401-1927
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February 6, 1992

U S Nuclear Regulatory Commission
Attn: Document Control Desk
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10 CFR Part 50
Section 50.54(f)

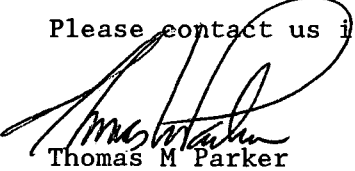
MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Revised Response to Generic Letter 91-11, "Resolution of Generic Issues 48, 'LCOs for Class 1E Vital Instrument Buses', and 49, 'Interlocks and LCOs for Class 1E Tie Breakers' Pursuant to 10 CFR 50.54(f)"

This letter is being provided to clarify our January 29, 1992 response to Generic Letter 91-11, "Resolution of Generic Issues 48, 'LCOs for Class 1E Vital Instrument Buses', and 49, 'Interlocks and LCOs for Class 1E Tie Breakers' Pursuant to 10 CFR 50.54(f)".

Enclosure 1 to our January 29, 1992 response provided accurate information concerning procedures and controls currently in place at Monticello to address the concerns of the Generic letter. However, the enclosure did not distinguish between previously existing controls -vs- controls recently implemented as a result of the Generic Letter. Although this information was not requested by the Generic letter, it was subsequently recognized that this distinction could prove useful to a reviewer. Accordingly, we have revised Enclosure 1 to differentiate between previously existing and newly implemented changes. The conclusion of our original review (that procedures and administrative instructions in place at Monticello adequately address the guidance contained in Generic Letter 91-11) remains unchanged.

Please contact us if you require further information.


Thomas M. Parker
Manager
Nuclear Support Services

c:Regional Administrator-III, NRC
NRR Project Manager, NRC
Resident Inspector, NRC
MDH, Attn: Dr R Thron
J Silberg

Attachments: Affidavit
Attachment 1 - Results of Review of Generic Letter 91-11

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UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

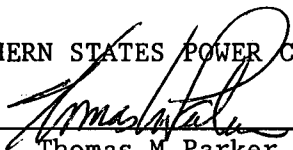
Revised Response To Generic Letter 91-11
"Resolution of Generic Issues 48, 'LCOs for Class 1E
Vital Instrument Buses', and 49, 'Interlocks and LCOs
for Class 1E Tie Breakers' Pursuant to 10 CFR 50.54(f)"

Northern States Power Company, a Minnesota corporation, hereby provides the information requested by Generic Letter 91-11, "Resolution of Generic Issues 48, 'LCOs for Class 1E Vital Instrument Buses', and 49, 'Interlocks and LCOs for Class 1E Tie Breakers' Pursuant to 10 CFR 50.54(f)". The results of our review of the recommendations contained in Enclosure 1 to the Generic Letter are included as Attachment 1 to this submittal.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

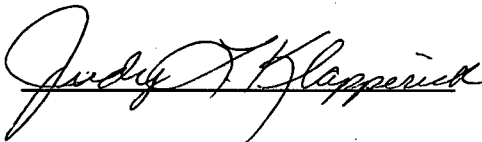
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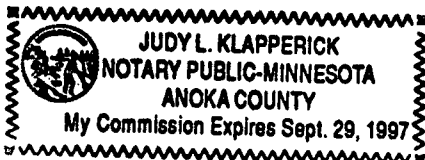

Thomas M Parker

Manager

Nuclear Support Services

On this 6 day of February, 1992 before me a notary public in and for said County, personally appeared Thomas M Parker, 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.





Attachment 1 (Rev 1)

MONTICELLO NUCLEAR GENERATING PLANT

Results of Review of Generic Letter 91-11

The results of our review of the recommendations contained in Enclosure 1 to Generic Letter 91-11 are summarized below:

Generic Letter 91-11 Recommended Action

Ensure that your plant has procedures that include time limitations and surveillance requirements for:

1. *Vital instrument buses (typically 120V ac buses),*

Results of Review:

- a. Time Limitations - Per existing procedures, if one bus has a loss of voltage, then technical specification limiting conditions for operations (LCOs) are invoked for the affected systems.
 - b. Surveillance Requirements - Per existing procedures, checks of the current, voltage and frequency to the vital 120V ac buses are made twice per day and verified to be within limits.
2. *Inverters or other onsite power sources to the vital instrument buses, and*

Results of Review:

- a. Time Limitations - In response to the Generic Letter, administrative time limits were implemented on the vital bus inverters restricting the time the inverters may be on their alternate ac sources during reactor operation.
 - b. Surveillance Requirements - Per existing procedures, DC input voltage and current and AC output voltage, current and frequency are verified to be within limits twice per day.
3. *Tie breakers that can connect redundant Class 1E buses (ac or dc) at one unit or that can connect Class 1E buses between units at the same site.*

Results of Review:

- a. Time Limitations - In response to the Generic Letter, administrative instructions and operating procedures were implemented to prohibit cross-connecting the redundant safety-related ac and dc busses at Monticello during reactor operation unless in emergency or abnormal situations. If cross-connected for emergency or abnormal situations, then technical specification limiting conditions for operations (LCOs) are invoked for the affected systems.

- b. Surveillance Requirements - In response to the Generic Letter, tie breakers that can connect redundant safety-related ac and dc buses were included on a weekly checklist that requires verification that the breakers are open. Previously existing prestart checklists for plant electrical systems also require verification that tie breakers are open prior to plant startup.