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 MUSOLF, D.M. Northern States Power Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 Office of Nuclear Reactor Regulation, Director

SUBJECT: Confirms commitments made during 840417 conference call re alternate shutdown sys design. Switch installed on alternate shutdown sys panel to positively deenergize ac & dc solenoids on four outboard MSIVs.

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April 19, 1984

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

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

Information Related to Alternate Shutdown System Design

- Reference (a) Letter from D M Musolf (NSP) to NRR "Information Related to Alternate Shutdown System Design" dated 12/16/83.
- (b) Letter from D M Musolf (NSP) to NRR "Information Related to Alternate Shutdown System Design" dated 3/19/84.

Pursuant to the Staff's review of references (a) and (b) a concern was raised by Mr N Fioravante of the Auxiliary Systems Branch over the ability to verify that the MSIVs had closed from the alternate shutdown panel. The mechanism for preventing closure being a spurious signal generated by a control room or cable spreading room fire which would prevent the de-energization of the solenoids which act to supply air to open the MSIVs.

A conference call between Mr V Rooney, Mr R Goel of the Staff, Mr D M Musolf and S Engelke of NSP was held on April 17, 1984 to discuss the results of Monticello's investigation into resolving Mr Fioravante's concern. This letter serves to confirm those commitments made during the phone call which should eliminate this concern. NSP will install a switch on the alternate shutdown system panel which will positively de-energize the AC and DC solenoids on the 4 outboard MSIVs which will insure that no spurious signal will prevent the MSIVs from closing. As the alternate shutdown procedures are developed a step will be incorporated, early in the procedure, directing the operator to actuate this switch to insure closure of the MSIVs.

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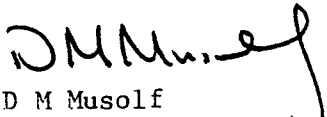
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NORTHERN STATES POWER COMPANY

Dir, NRR
April 19, 1984
Page 2

In addition, as was discussed in an earlier phone conversation with the Staff, indirect indication of MSIV closure is provided by the reactor pressure and level indicators already located on the alternate shutdown system panel.

Please contact us if you have any questions related to this information or if additional information is necessary.



D M Musolf
Manager - Nuclear Support Services

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