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 Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards Rev 1 to 840803 application for amend to License DPR-22. Rev modifies surveillance requirements for emergency filtration train charcoal absorber & filters & toxic gas monitoring requirements for control room.

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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

Revision No. 1 to
License Amendment Request dated April 3, 1984

In our License Amendment Request dated April 3, 1984 Northern States Power Company proposed Technical Specifications for control room habitability modifications and post-accident sampling administrative controls. In subsequent discussions with the NRC Staff we learned that our proposed surveillance requirements for the Emergency Filtration Train (EFT) charcoal adsorber and filters were not consistent with current NRC criteria and that wording changes should be made to the administrative controls we proposed for post-accident sampling. The purpose of this revised License Amendment Request is to resolve these items.

Also addressed in this supplement is a modification to the toxic gas monitoring requirements for the control room. In the time since the original toxic gas analysis was performed, new methodology for the estimation of incapacitation times following exposures to toxic gases has become available. The new methodology was used by Bechtel Power Corporation during the performance of a control room habitability study for the Limerick plant. The use of this methodology resulted in a significant reduction in the number of toxic chemicals that would have to be monitored. Attached for NRC review and approval is a supplement to the original Monticello Control Room Habitability Study submitted on January 30, 1981 in which the new methodology discussed above has been utilized to re-evaluate the necessity of the existing toxic gas detection systems at Monticello. This supplemental study concludes that only chlorine detection capability is necessary to satisfy the requirements of NUREG-0737, Item III.D.3.4. Other detection systems, which have proven unreliable and distracting to control room operators, are not necessary.

This revision replaces in its entirety our April 3, 1984 License Amendment request. No additional licensing review fee is necessary since a fee accompanied our April 3, 1984 application.

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