



Northern States Power Company

Monticello Nuclear Generating Plant  
2807 West Hwy 75  
Monticello, Minnesota 55362-9637

February 2, 1995

U S Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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

Request for Approval of Revision 3 of  
NSPNAD 8608, "Reload Safety Evaluation Methods for  
Application to the Monticello Nuclear Generating Plant"

The currently approved reactor safety topical for Monticello is Revision 2 of NSPNAD-8608, "Reload Safety Evaluation Methods for Application to the Monticello Nuclear Generating Plant". The purpose of this letter is to submit Revision 3 of NSPNAD-8608 for NRC approval.

A revision of the physics topical (NSPNAD-8609), to incorporate the use of CASMO-3/SIMULATE-3, was submitted to the NRC by a letter dated August 23, 1994 and is currently under review. This revision of the safety topical incorporates changes required to use the output of CASMO-3/SIMULATE-3 physics methods for reload safety evaluation applications. The major changes made in this revision of the safety topical are contained in Appendix A and a list of all the changes is included at the end of the report.

It is desired to use the safety evaluation methods described in Revision 3 for Monticello Cycle 18, in which we intend to transition to GEL fuel. In order to make a smooth transition to the CASMO-3/SIMULATE-3 physics methods for Cycle 18, NRC approval is needed by 8/1/95.

If you have any questions or comments please contact Mel Opstad at 612-295-1653.

Sincerely,

*Mel Opstad*

cc Roger O Anderson  
Director  
Licensing and Management Issues

c: Regional Administrator III, NRC  
Senior Resident Inspector, NRC  
NRR Project Manager, NRC  
J E Silberg

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