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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 2 of NSPNAD 8608-A

The current approved reload safety evaluation methods for Monticello are described in NSPNAD 8608-A, "Reload Safety Evaluation Methods for Application to the Monticello Nuclear Generating Plant" Revision 1. The Revision 1 methodology applies a constant power shape for pressure transients. NSP has determined, however, that a "time varying axial power shape" (TVAPS) is more realistic and more conservative (i.e. more restrictive) for pressure transients. In order to utilize this more conservative methodology, the results of TVAPS analysis have been administratively implemented in the current Cycle 16.

It is desired to update NSPNAD 8606-A to reflect TVAPS prior to startup of Cycle 17 which is scheduled for October, 1994. The two attachments show the changes required to incorporate the TVAPS methodology as Revision 2 to NSPNAD 8608-A. Attachment 1 is a markup of page 4-15 of the topical and Attachment 2 is a typed page that constitutes Revision 2. Your approval of Revision 2 of NSPNAD 8608-A is hereby requested.

Please contact Mel Opstad at 612-337-2038 if you have any questions related to this submittal.

Roger O Anderson
Director
Licensing and Management Issues

cc: Regional Administrator-III, NRC
NRR Project Mgr, NRC
NRC Resident Inspector
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