

September 11, 1995

Mr. Roger O. Anderson, Director  
Licensing and Management Issues  
Northern States Power Company  
414 Nicollet Mall  
Minneapolis, Minnesota 55401

SUBJECT: MONTICELLO NUCLEAR GENERATING PLANT - REVIEW OF TOPICAL REPORT  
NSPNAD-8609, REVISION 2, "QUALIFICATION OF REACTOR PHYSICS METHODS  
FOR APPLICATION TO MONTICELLO" (TAC NO. M90277)

Dear Mr. Anderson:

By letter dated August 23, 1994, Northern States Power Company submitted, for the staff review and approval, a Revision 2 of the Topical Report NSPNAD-8609, "Qualification of Reactor Physics Methods for Application to Monticello." This submittal describes the new qualification of new methods based on CASMO-3/SIMULATE-3, for application to operations and reload safety evaluations for the Monticello plant.

The staff has reviewed the submittal and concluded that the application of CASMO-3/SIMULATE-3 is acceptable for use in the Monticello boiling-water reactor reload analyses. Details of our review are provided in the enclosed safety evaluation. This action closes TAC No. M90277. If you have any questions concerning this action please call me at (301) 415-1392.

Sincerely,

Original signed by

Tae Kim, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-263

Enclosure: Safety Evaluation

cc w/encl: See next page

DISTRIBUTION: MPhillips, RIII EAdensam (e-mail)  
Docket File ACRS (4) JRoe  
PUBLIC PDIII-1 r/f  
RIngram EKendrick  
OGC, 0-15 B18

DOCUMENT NAME: G:\WPDOCS\MONTICEL\MON90277.SER

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure  
"N" = No copy \* see previous concurrences

OFFICE	LA:PD31	E	PM:PD31	E	D:PD31 <i>Ka</i>
NAME	CJamerson <i>CJ</i>		TJKim <i>TJK</i>		JHannon <i>JH</i>
DATE	9/11/95		9/11/95		9/11/95

OFFICIAL RECORD COPY

9509190371 950911  
PDR ADOCK 05000263  
PDR

150062

NRC FILE CENTER COPY

*JFO*

Mr. Roger O. Anderson, Director  
Northern States Power Company

Monticello Nuclear Generating Plant

cc:

J. E. Silberg, Esquire  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, N. W.  
Washington DC 20037

Adonis A. Neblett  
Assistant Attorney General  
Office of the Attorney General  
445 Minnesota Street  
Suite 900  
St. Paul, Minnesota 55101-2127

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
2807 W. County Road 75  
Monticello, Minnesota 55362

Plant Manager  
Monticello Nuclear Generating Plant  
ATTN: Site Licensing  
Northern States Power Company  
2807 West County Road 75  
Monticello, Minnesota 55362-9637

Robert Nelson, President  
Minnesota Environmental Control  
Citizens Association (MECCA)  
1051 South McKnight Road  
St. Paul, Minnesota 55119

Commissioner  
Minnesota Pollution Control Agency  
520 Lafayette Road  
St. Paul, Minnesota 55119

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Commissioner of Health  
Minnesota Department of Health  
717 Delaware Street, S. E.  
Minneapolis, Minnesota 55440

Darla Groshens, Auditor/Treasurer  
Wright County Government Center  
10 NW Second Street  
Buffalo, Minnesota 55313

Kris Sanda, Commissioner  
Department of Public Service  
121 Seventh Place East  
Suite 200  
St. Paul, Minnesota 55101-2145