

February 24, 1994

Docket No. 50-263

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

SUBJECT: REGULATORY GUIDE 1.97 - BOILING WATER REACTOR NEUTRON FLUX  
MONITORING - MONTICELLO NUCLEAR GENERATING PLANT (TAC NO. M51108)

Section 6.2 of Generic Letter 82-33 requested applicants and licensees to provide a report on their implementation of Regulatory Guide (RG) 1.97. The BWR Owners' Group responded by submitting NEDO-31558, "Position on NRC Regulatory Guide 1.97, Revision 3, Requirements for Post-Accident Neutron Monitoring System," which proposed alternative criteria for neutron flux monitoring instrumentation in lieu of the Category 1 criteria stated in the RG. In a safety evaluation dated January 13, 1993, the staff concluded that the criteria of NEDO-31558 was acceptable.

By letter dated April 30, 1993, the staff requested you to review the Monticello neutron flux monitoring instrumentation against the criteria of NEDO-31558 and document the results of your review. Your letters of July 6, 1993, and January 28, 1994, provided the results of your review.

The staff has completed its review of your submittals and determined that the deviations from NEDO-31558 specified in your submittals are acceptable. Therefore, the post-accident neutron flux monitoring instrumentation at the Monticello Nuclear Generating Plant is an acceptable alternative to the guidance in RG 1.97.

Sincerely,

Original signed by

Beth A. Wetzel, Acting Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

cc: See next page

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OFFICE	LA:PD31	PM:PD31	BC:NICB	PD:PD31
NAME	C.Jamerson	B.Wetzel	J.Wermiel	L.Marsh
DATE	02/16/94	02/18/94	02/22/94	02/24/94

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Mr. Roger O. Anderson, Director  
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Monticello Nuclear Generating Plant

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