

September 11, 1985

Docket No. 50-263

Mr. D. M. Musolf  
Nuclear Support Services Department  
Northern States Power Company  
414 Nicollet Mall - 8th Floor  
Minneapolis, Minnesota 55401

Dear Mr. Musolf:

SUBJECT: MARK I CONTAINMENT LONG TERM PROGRAM

Re: Monticello Nuclear Generating Plant

We have completed our post-implementation audit review of the Monticello Plant Unique Analysis Report (PUAR) for the Mark I containment long term program. Enclosed are the staff's Safety Evaluations for the pool dynamic and structural load aspects of this program. Technical assistance was provided by Brookhaven National Laboratory for the pool dynamic load audit review and by Franklin Research Center for the structural audit review.

The staff has determined that all but a few of the modifications made by Northern States Power Company are in accordance with the generic acceptance criteria contained in Appendix A of NUREG-0661, Mark I Containment Long Term Program and its supplement. Where deviations from the acceptance criteria specified in NUREG-0661 have been taken, they have been found acceptable. Therefore, the staff has concluded that the Northern States Power Company's PUAR analysis verified that the containment modifications made have restored the original design safety margin to the Mark I containment at the Monticello plant. This action completes our review of this issue.

The vacuum breakers on Mark I containments, which were the subject of Generic Letter 83-02, are not considered within the scope of the Mark I containment long term program. This issue will be reviewed independently at a later date.

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P PDR

Mr. D. M. Musolf

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Within 90 days of receipt of this letter it is requested that you submit any Technical Specification changes required as a result of the Mark I containment modifications you have made; (i.e. torus temperature monitoring system changes, torus to drywell differential pressure control changes, torus water level changes).

Sincerely,

Original signed by/

Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing

Enclosures:

1. Safety Evaluation - Pool Dynamics Load
2. Safety Evaluation - Structural Review

cc w/enclosures:  
See next page

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Mr. D. M. Musolf  
Northern States Power Company  
Monticello Nuclear Generating Plant

cc:

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts and  
Trowbridge  
1800 M Street, N. W.  
Washington, D. C. 20036

U. S. Nuclear Regulatory Commission  
Resident Inspector's Office  
Box 1200  
Monticello, Minnesota 55362

Plant Manager  
Monticello Nuclear Generating Plant  
Northern States Power Company  
Monticello, Minnesota 55362

Russell J. Hatling  
Minnesota Environmental Control  
Citizens Association (MECCA)  
Energy Task Force  
144 Melbourne Avenue, S. E.  
Minneapolis, Minnesota 55113

Executive Director  
Minnesota Pollution Control Agency  
1935 W. County Road B2  
Roseville, Minnesota 55113

Mr. Steve Gadler  
2120 Carter Avenue  
St. Paul, Minnesota 55108

John W. Ferman, Ph.D.  
Nuclear Engineer  
Minnesota Pollution Control Agency  
1935 W. County Road B2  
Roseville, Minnesota 55113

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

O. J. Arlien, Auditor  
Wright County Board of  
Commissioners  
10 NW Second Street  
Buffalo, Minnesota 55313

James G. Keppler  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region III Office  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137