



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 4, 1989

Dockets Nos. 50-282  
and 50-306

Mr. D. M. Musolf, Manager  
Nuclear Support Services  
Northern States Power Company  
414 Nicollet Mall  
Minneapolis, Minnesota 55401

Dear Mr. Musolf:

SUBJECT: SCHEDULAR RELIEF REQUEST RELATED TO NRC BULLETIN 88-11,  
"PRESSURIZER SURGE LINE THERMAL STRATIFICATION", ITEM 1.b  
(TACS NOS. 72157 AND 72158)

The purpose of this letter is to inform you of the implementation schedule for Item 1.b of NRC Bulletin 88-11, "Pressurizer Surge Line Thermal Stratification" that was mutually agreed upon between the NRC staff and the Westinghouse Owners Group (WOG) during an April 11, 1989 meeting.

By letter dated February 24, 1989, Northern States Power Company (licensee), for the Prairie Island Nuclear Generating Plant, proposed an alternate schedule for the completion of the bounding analysis required by Item 1.b of NRC Bulletin 88-11 regarding the design adequacy of the pressurizer surge line, taking into account the effects of thermal stratification. The proposed schedule for completion consisting of two years from the receipt of the Bulletin was premised on your participation in the Westinghouse Owners Group (WOG) program.

As a result of the April 11, 1989 meeting, the WOG agreed to notify its membership that they should, by the end of May 1989, complete and have available for NRC audit, their bounding analysis as related to Item 1.b of the Bulletin, and submit to the NRC a Justification for Continued Operation (JCO) in the event the results of the bounding analysis do not confirm the adequacy of the pressurizer surge line for the design life of the plant.

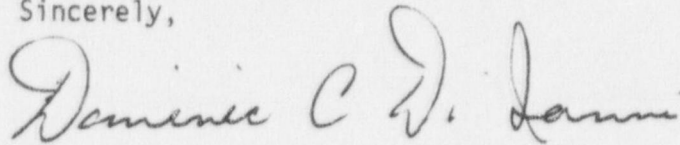
It is our understanding that the WOG will provide you with a "generic" bounding analysis, to which your plant specific variables (eg., seismic and thermal loadings) will need to be added and incorporated. Your analysis should assess all aspects of thermal stratification and thermal striping, including bounding evaluations on stresses and fatigue, based on currently available information.

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Based upon your participation in the WOG program regarding this issue, it is our expectation that your efforts will be consistent with that of the WOG.

Sincerely,

A handwritten signature in cursive script that reads "Dominic C. DiIanni". The signature is written in dark ink and is positioned above the typed name and title.

Dominic C. DiIanni, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III, IV,  
V and Special Projects  
Office of Nuclear Reactor Regulation

cc: See next page

Based upon your participation in the WOG program regarding this issue, it is our expectation that your efforts will be consistent with that of the WOG.

Sincerely,

Original Signed By

Dominic C. DiIanni, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III, IV,  
V and Special Projects  
Office of Nuclear Reactor Regulation

cc: See next page

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Mr. D. M. Musolf  
Northern States Power Company

Prairie Island Nuclear Generating  
Plant

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