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 DAVIS, A. B. Region 3, Ofc of the Director

SUBJECT: Provides updated info to Item 6(b) of IE Bulletin 80-17,  
 "Failure of 76 of 185 Control Rods to Fully Insert During  
 Scram at BWR," re commitment concerning operation of  
 suppression pool cooling.

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Northern States Power Company

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January 27, 1988

IE Bulletin 80-17

Mr A Bert Davis, Administrator Region III  
U S Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

MONTICELLO NUCLEAR GENERATING PLANT  
Docket No. 50-263 License No. DPR-22

Additional Response to IE Bulletin 80-17

References: (a) Letter dated July 17, 1980 from Mr D E Gilberts,  
Vice President Power Production, to Mr J G Keppler,  
Administrator Region III, USNRC, "Additional Response  
to IE Bulletin 80-17"

In responding to Item 6(b) of IE Bulletin 80-17, "Failure of 76 of 185 Control Rods to Fully Insert During a Scram at a BWR," Northern States Power Company stated that procedure revisions were issued to "require operation of all available suppression pool cooling whenever the normal pool temperature limit is exceeded." The purpose of this letter is to provide updated information related to this commitment.

IE Bulletin 80-17, Item 6(b), requested that licensees operate all available suppression pool cooling whenever the suppression pool exceeds the normal operating temperature limit. This limit is conservatively set at 90 degrees F at Monticello. Changes were made to Monticello Operations Manual Section 3.4 in 1980 to incorporate this requirement. During a recent review of Section 3.4 of the Operations Manual, the plant operations staff determined that the requirement to "run all available suppression pool cooling" when the normal operating limit was exceeded may not be a good practice. In lieu of this requirement, the Operations Manual will be changed to require the use of "necessary" pumps and reference the Technical Specification requirements applicable to suppression pool temperature. The Technical Specifications permit pool temperature to rise to 100 degrees F for a 24-hour period when testing HPCI or RCIC. At 110 degrees F, the Technical Specifications require an immediate reactor scram.

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Northern States Power Company

Running "all available pumps" for suppression pool cooling requires realignment of both RHR loops from LPCI mode to the suppression pool cooling mode. All four RHR pumps and all four RHR service water pumps must be run. In the judgment of the plant operations staff, this extreme change in safeguards equipment line-up and the large electrical load it imposes should not be accomplished unless absolutely necessary. In most cases, use of a single RHR loop produces an acceptable cooldown rate.

Plant procedures are therefore being changed to specify use of pumps "as necessary" for suppression pool cooling when the normal limit of 90 degrees is reached.

Please contact us if you have any questions related to this revised response to IE Bulletin 80-17.

A handwritten signature in cursive script, appearing to read "C E Larson".

C E Larson  
Vice President Nuclear Generation

c: Regional Administrator, Region III, NRC  
Sr Resident Inspector, NRC  
NRR Project Manager, NRC  
G Charnoff

Attachment

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

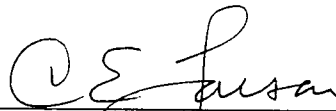
REVISED RESPONSE TO IE BULLETIN 80-17

Northern States Power Company, a Minnesota corporation, with this letter is submitting revised information in response to IE Bulletin 80-17.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By



C E Larson

Vice President Nuclear Generation

On this 27<sup>th</sup> day of January, 1988 before me a notary public in and for said County, personally appeared C E Larson, Vice President Nuclear Generation, and being first duly sworn acknowledged that he is authorized to execute this document on behalf of Northern States Power Company, that he knows the contents thereof, and that to the best of his knowledge, information, and belief the statements made in it are true and that it is not interposed for delay.

