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 Office of Nuclear Reactor Regulation, Director

SUBJECT: Responds to DB Vassallo 830613 ltr re NUREG-0737, Item II, K.3.18, "Automatic Depressurization Sys Logic Mods." Low reactor pressure ECCS pump start inter lock must be considered for either of two acceptable options.

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July 29, 1983

Director
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Washington, DC 20555

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

Information Related to NUREG-0737, Item II.K.3.18,
ADS Logic Modifications

- Reference:
- a) Letter from L O Mayer, NSP, to Director, Office of Nuclear Reactor Regulation, USNRC, dated April 1, 1982.
 - b) Letter from L O Mayer, NSP to Director of Nuclear Reactor Regulation, USNRC, dated April 1, 1981.

The purpose of this letter is to provide information in response to a letter dated June 13, 1983, from Mr Domenic B Vassallo, Chief, Operating Reactors Branch #2, Division of Licensing. Previous information related to this issue was provided by NSP in references (a) and (b).

Subsequent to the submittal of references (a) and (b), plant specific evaluation of the BWR Owner's Group (BWROG) report disclosed that the two acceptable options to the present ADS logic cannot be implemented without further analysis. Early BWR-3 plants, such as Monticello, have a low reactor pressure ECCS pump start interlock that must be considered for either of these options. Therefore, Monticello cannot adopt either of the two options identified at this time.

General Electric and the BWROG have been informed of our findings. General Electric is investigating this issue and will inform other facilities with logic design similar to Monticello's. A study will be conducted and a report prepared supplementing the previous feasibility studies undertaken by the BWROG. This report will be provided to the NRC Staff for their review. We believe this issue can be resolved on a schedule which will permit any required modifications to be completed during our 1984 refueling outage.

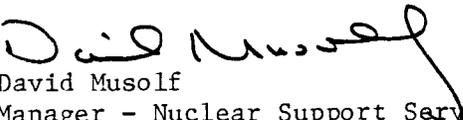
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NORTHERN STATES POWER COMPANY

Dir of NRR
July 29, 1983
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Proposed Technical Specifications including justification for any timer settings, if appropriate, will be provided following resolution of this matter with the NRC Staff.


David Musolf
Manager - Nuclear Support Services

DMM/bd

cc: Regional Administrator-III, NRC
NRR Project Manager, NRC
Resident Inspector, NRC
G Charnoff