

50-263

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FILE NUMBER

TO: Mr Stello

FROM: Northern States Pwr Co
Minneapolis, Mn
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6-7-76

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DESCRIPTION

ENCLOSURE

Ltr re our 5-20-76 ltr....furnishing info
concerning inquiry concerning LPCI Design
.....**DO NOT REMOVE
ACKNOWLEDGED**

PLANT NAME: MONTICELLO

FOR ACTION/INFORMATION

6-8-76 ehf

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

Ziemann (5)
Snider
Diggs

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

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MIPC		MCCARY			SITE TECH
CASE		KNIGHT	OPERATING REACTORS		GAMMILL
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NSP

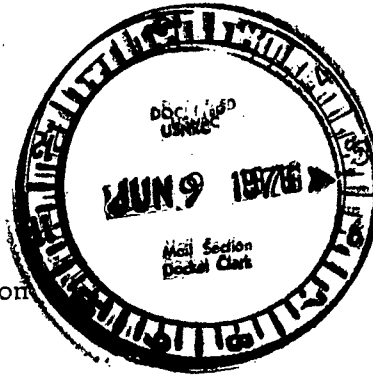
NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

June 7, 1976

Regulatory Docket File

Mr Victor Stello, Director
Division of Operating Reactors
U S Nuclear Regulatory Commission
Washington, DC 20555



Dear Mr Stello:

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

Response to 5/20/76 Inquiry Concerning
LPCI Design

Your May 20, 1976 letter identified a potential design deficiency related to LPCI pump cavitation and motor overload. Monticello has the Loop Selection Logic System and does not have the LPCI modification. Therefore, item a of your letter is applicable and item b is not.

The Monticello piping layout and pump data have been reviewed. At runout flow the NPSH requirements of the pump are met. The pump characteristic curves show that at high flows, the brake horsepower and motor current decrease. Therefore, the Monticello LPCI pumps are not subject to damage due to cavitation or motor overload in the runout condition.

Yours Very truly,

L O Mayer, PE
Manager, Nuclear Support Services

LOM/MHV/deb

cc: J G Keppler
G Charnoff
MPCA
Attn: J W Ferman

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