

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

October 14, 1977

Mr D K Davis, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors
c/o Distribution Services Branch, DDC, ADM
U S Nuclear Regulatory Commission
Washington, DC 20555



Dear Mr Davis:

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

Equipment Performance Under
Degraded Voltage Conditions

Our letter on this subject dated July 25, 1977 informed you of our plans to investigate the feasibility of installing a second level of automatic degraded voltage protection. This modification was recommended by the NRC Staff and described in your letter to us dated June 3, 1977.

At this time it appears that modifications which satisfy the intent of the automatic protection scheme outlined in your June 3, 1977 letter can be completed at reasonable cost without degrading the existing emergency power system. Detailed design work has been initiated by the Monticello architect-engineer and we believe the modification can be completed during the 1978 autumn refueling outage.

We will submit a detailed description of the proposed modifications and a License Amendment Request containing proposed Technical Specifications related to the modifications when the design has been finalized.

Please contact us if you require further information or wish to discuss this matter in detail.

Yours very truly,

L O Mayer, PE
Manager of Nuclear Support Services

LOM/DMM/deh

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

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(2-76)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER

50-263

FILE NUMBER

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TO: Mr. D. K. Davis

FROM: Northern States Power Company
Minneapolis, Minnesota
L. O. Mayer

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DESCRIPTION

Re their 7-25-77 ltr

ENCLOSURE

Consists of info. concerning equipment
performance under degraded voltage conditions.

(1-P)

PLANT NAME: Monticello
RJL 10/21/77

40 cc's.

SAFETY

FOR ACTION/INFORMATION

BRANCH CHIEF: (7)

D. DAVIS

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