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TO:

MR. JAMES G. KEPPLER

FROM:

NORTHERN STATES POWER COMPANY
MINNEAPOLIS, MINNESOTA
L. J. WACHTER

DATE OF DOCUMENT

5/7/76

DATE RECEIVED

5/12/76

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ONE SIGNED

DESCRIPTION

LTR. W/ATTACHED.....FURNISHING INFO. AS
REQUESTED IN IE BULLETIN 76-05 CONCERNING USE
OF WESTINGHOUSE TYPE BFD ELECTRICAL RELAYS IN
SAFETY RELATED SYSTEMS.

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME:

MONTICELLO

SAFETY

FOR ACTION/INFORMATION

ENVIRO

5/17/76

RJL

ASSIGNED AD :

ASSIGNED AD :

BRANCH CHIEF :

ZIEMANN

BRANCH CHIEF :

PROJECT MANAGER:

PROJECT MANAGER :

LIC. ASST. :

DIGGS

LIC. ASST. :

INTERNAL DISTRIBUTION

☒ REG FILE

SYSTEMS SAFETY

PLANT SYSTEMS

ENVIRO TECH

☒ NRC PDR

HEINEMAN

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☒ I & E

(2)

SCHROEDER

BENAROYA

BALLARD

☒ OELD

LAINAS

SPANGLER

☒ GOSSICK & STAFF

ENGINEERING

IPPOLITO

MIRC

MACCARY

SITE TECH

CASE

KNIGHT

OPERATING REACTORS

GAMMILL

HANAUER

SIHWEIL

STELLO

STAPP

HARLESS

PAWLICKI

HULMAN

OPERATING TECH

PROJECT MANAGEMENT

REACTOR SAFETY

☒ EISENHUT

SITE ANALYSIS

BOYD

ROSS

☒ SHAO

VOLLNER

P. COLLINS

NOVAK

☒ BAER

BUNCH

HOUSTON

ROSZTOCZY

☒ SCHWENCER☒ J. COLLINS

PETERSON

CHECK

☒ GRINES

KREGER

MELTZ

HELTENES

AT & I

SITE SAFETY & ENVIRO

SKOVHOLT

SALTZMAN

ANALYSIS

RUTBERG

DENTON & MULLER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

☒ LUDR: MINNEAPOLIS, MINN. NATL LAB

BROOKHAVEN NATL LAB

☒ TIC

REG. V-IE

ULRIKSON (ORNL)

☒ NSIC

IA PDR

☒ ASLB

CONSULTANTS

☒ ACRS 16 HOLDING/SENT - DIGGS

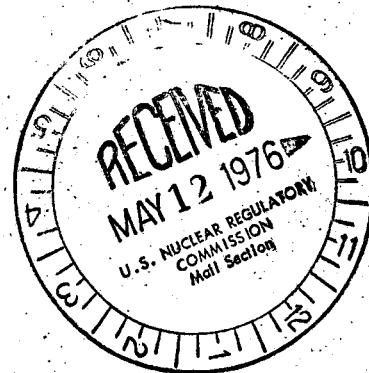
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NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

May 7, 1976



Mr. James G. Keppler
Director - Region III
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

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

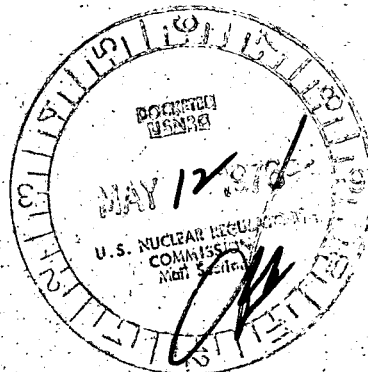
As requested in IE Bulletin 76-05, the use of Westinghouse type BFD electrical relays in safety-related systems of the Monticello Nuclear Generating Plant has been reviewed. No relays of this type are used or planned for use at this facility.

Yours very truly,

L. J. Wachter, for L. J. Wachter

L. J. Wachter
Vice President - Power Production
and System Operation

cc: Mr. Victor Stello
Mr. G. Charnoff
Minnesota Pollution Control Agency
Attention: Mr. J. W. Ferman
Office of Inspection and Enforcement
Washington, D.C.



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174

May 3, 1976

Mr. James G. Keppler
Director - Region III
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 and 50-306

In response to IE Bulletin 76-05, the following information is offered:

As of April 7, 1976, all 82 BFD relays installed in the Unit 1 Reactor Protection Logic trains were tested for drop out time response. The maximum time response for any relay was 25 msec. This includes both normally energized and normally de-energized (power operating state) relays. Response data has been transmitted to Westinghouse.

As of March 13, 1976, 62 of the 82 BFD relays installed in the Unit 2 Reactor Protection Logic trains were tested for drop out time response. The maximum time response for any relay was 24 msec. Of those tested, 60 are normally energized and 2 normally de-energized above 10 percent power. Of the 20 not tested, 16 are normally de-energized above 10 percent power. The remaining 4 provide the source range block permissive, 2 per train, and are not readily testable at power. Response data has been transmitted to Westinghouse.

Both trains of relay racks in both units were originally supplied by Westinghouse with the cloth wrapped relay coils. With the possible exception of one or two relays all remain in use.

Thermal indicators are on order for obtaining coil temperature data. (The range of indicators on hand is not appropriate for quantifying relay operating temperatures.) This data will be transmitted to Westinghouse as soon as indicators are available and a supplemental response to Item 4 of the Bulletin will be forwarded to your office.

Yours very truly,

L. J. Wachter
Vice President - Power Production
and System Operation

cc: Mr. Victor Stello
Mr. G. Charnoff
Minnesota Pollution Control Agency
Attention: Mr. J. W. Ferman
Office of Inspection and Enforcement
Washington, D.C.