

50-263

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: J.G. KEPPLER

FROM: NSP
MINNEAPOLIS, MINN
L.O. MAYER, PEDATE OF DOCUMENT
6/27/77DATE RECEIVED
6/29/77☒ LETTER
☐ ORIGINAL
☒ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 CC

DESCRIPTION

1RO 50-263/77-12)
LICENSEE EVENT REPORT OCCURRING ON 6/20/77
CONCERNING MCPR NON-CONSERVATISM. & an inappropriate
pump trip delay assumed to be accurate in the
(2P) original Cycle 5 transient analysis.

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: MONTICELLO

SA_B

Corrected 7/8/77 by GJD.

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:

Davis

W/3 CYS FOR ACTION

LIC. ASST.:

Diggs

W/1 CYS

ACRS 16 CYS HOLDING/SENT

As CAT B

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNGH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: Minneapolis, Mn

TIC:

NSIC:

CONTROL NUMBER

771860091

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

June 27, 1977



Mr J G Keppler, Director, Region III
Office of Inspection & Enforcement
U S Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler:

Regulatory Docket File

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

MCPR Non-Conservatism

The Licensee Event Report for this occurrence is reproduced on the back of this letter. Enclosed are three copies.

Yours very truly,

M N Oath / for

L O Mayer, PE
Manager of Nuclear Support Services

LOM/MHV/deh

cc: Director, IE, USNRC (40)
Director, MIPC (3)
G Charnoff
MPCA

Attn: J W Ferman

771860091

-over-

LICENSEE EVENT REPORT

CONTROL BLOCK:

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

1 8

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: 01 M N M N P 1
 LICENSE NUMBER: 00-000000-00
 LICENSE TYPE: 14 11 11 11
 EVENT TYPE: 01
 CATEGORY: 01 CONT
 REPORT TYPE: T
 REPORT SOURCE: L
 DOCKET NUMBER: 050-0263
 EVENT DATE: 062077
 REPORT DATE: 062777

EVENT DESCRIPTION

02 DURING AN INVESTIGATION OF CYCLE 5 MCPR LIMITS GENERAL ELECTRIC COMPANY FOUND THAT
7 8 9 80

03 THE PUMP TRIP DELAY TIME ASSUMED IN THE ORIGINAL CYCLE 5 TRANSIENT ANALYSIS WAS
7 8 9 80

04 NOT APPROPRIATE. USE OF AN APPROPRIATE DELAY TIME WAS CONSERVATIVELY ESTIMATED TO
7 8 9 80

05 INCREASE THE TRANSIENT DELTA-CPR FOR BOTH 7x7 AND 8x8 FUEL BY 0.08. A LICENSE
7 8 9 80

06 AMENDMENT REQUEST TO CHANGE THE TECHNICAL SPECIFICATIONS LIMITS FOR MCPR WILL BE
7 8 9 80

PRIME

| SYSTEM CODE | | CAUSE CODE | COMPONENT CODE | | | | | | PRIME COMPONENT SUPPLIER | COMPONENT MANUFACTURER | | | | VIOLATION | | | | | | | |
|-------------|---|------------|----------------|---|----|---|----|---|--------------------------|------------------------|----|---|----|-----------|----|----|----|--|----|----|----|
| 07 | Z | C | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | N | | | | | | | | |
| 7 | 8 | 9 | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | 16 | 17 | 43 | 44 | | 46 | 47 | 48 |

CAUSE DESCRIPTION

| | | |
|----|--|----|
| 08 | FOR THE TWO PUMP TRIP FOLLOWING A TURBINE TRIP, THE ORIGINAL CYCLE 5 ANALYSIS | 80 |
| 09 | ASSUMED A 0.1 SECOND DELAY FOR PUMP ELECTRICAL TORQUE TO DROP FROM 100% TO 0%. BASED | 80 |
| 10 | ON EVALUATION OF STARTUP TEST DATA, A DELAY OF 2.0 SECONDS IS APPROPRIATE. | 80 |

| FACILITY STATUS | | % POWER | | | OTHER STATUS | | METHOD OF DISCOVERY | | DISCOVERY DESCRIPTION | |
|-----------------|---|---------|----|----|--------------|--|---------------------|----|-----------------------|----|
| 11 | E | 0 | 9 | 8 | NA | | D | | LETTER FROM GE TO NSP | |
| 7 | 8 | 9 | 10 | 12 | 13 | | 44 | 45 | 46 | 60 |

| FORM OF ACTIVITY RELEASED | | CONTENT OF RELEASE | | AMOUNT OF ACTIVITY | | LOCATION OF RELEASE | |
|---------------------------|---|--------------------|---|--------------------|---|---------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |

PERSONNEL EXPOSURES

| NUMBER | | | TYPE | DESCRIPTION |
|--------|---|---|------|-------------|
| 13 | 0 | 0 | 0 | NA |

PERSONNEL INJURIES

| NUMBER | | | | DESCRIPTION | |
|--------|---|---|---|-------------|----|
| 1 | 4 | 0 | 0 | 0 | NA |

OFFSITE CONSEQUENCES

[illegible]

LOSS OR DAMAGE TO FACILITY

| TYPE | | | DESCRIPTION |
|------|---|--|-------------|
| 16 | Z | | NA |

PUBLICITY

| | |
|----|----|
| 17 | NA |
|----|----|

ADDITIONAL FACTORS

18 SUBMITTED. THE CURRENT MCPR LIMITS HAVE BEEN ADMINISTRATIVELY INCREASED BY 0.08. 80

19 NO PREVIOUS OCCURRENCE. (RO 50-263/77-12) 80

NAME: DANIEL G. EGENER

PHONE: 612/295-5151