

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 1259

|  |              |              |  | FILE           |     |       |  |
|--|--------------|--------------|--|----------------|-----|-------|--|
| FROM:  | DATE OF DOC: | DATE REC'D   | LTR  | MEMO           | RPT | OTHER |  |
| Northern States Power Company<br>Minneapolis, Minnesota 55401<br>L. O. Mayer | 2-20-73      | 2-23-73      | X  |                |     |       |  |
| TO:  | ORIG         | CC           | OTHER  | SENT AEC PDR   |     | X     |  |
| Mr. Giambusso  | 1 signed     |              |  | SENT LOCAL PDR |     | X     |  |
| CLASS: <input checked="" type="checkbox"/> PROP INFO                         | INPUT        | NO CYS REC'D | DOCKET NO:   |                |     |       |  |
|  |              | 30           | 50-263   |                |     |       |  |
| DESCRIPTION:<br>Ltr trans the following:<br><br><u>DIST PER R. DIGGS</u>     |              |              | ENCLOSURES:<br>REPORT: "First Reload License Submittal"<br><br>( 30 cys of encl rec'd) |                |     |       |  |
| PLANT NAMES: Monticello  |              |              | <b>Do Not Remove</b><br><b>ACKNOWLEDGED</b>  |                |     |       |  |

FOR ACTION/INFORMATION 2-23-73 AB

|                        |                           |   |                            |
|------------------------|---------------------------|---|----------------------------|
| BUTLER(L)<br>W/ Copies | SCHWENCER(L)<br>W/ Copies | SCHEMEL(L)<br>W/ Copies                                       | KNIGHTON(E)<br>W/ Copies   |
| CLARK(L)<br>W/ Copies  | STOLZ(L)<br>W/ Copies     | <input checked="" type="checkbox"/> ZIEMANN(L)<br>W/ 4 Copies | YOUNGBLOOD(E)<br>W/ Copies |
| GOLLER(L)<br>W/ Copies | VASSALLO(L)<br>W/ Copies  | CHITWOOD(FM)<br>W/ Copies                                     | REGAN(E)<br>W/ Copies      |
| KNIEL(L)<br>W/ Copies  | H. DENTON<br>W/ Copies    | DICKER(E)<br>W/ Copies  |                            |

INTERNAL DISTRIBUTION

|  |             |             |            |  |       |
|--|-------------|-------------|------------|--|-------|
| <input checked="" type="checkbox"/> REG FILE         | TECH REVIEW | VOLLMER     | HARLESS    | WADE                                     | E     |
| <input checked="" type="checkbox"/> AEC-PDR          | HENDRIE     | DENTON      |            | SHAFFER                                  | F & M |
| <input checked="" type="checkbox"/> OGC, ROOM P-506A | SCHROEDER   | GRIMES      | F & M      | BROWN                                    | E     |
| MUNFZING/STAFF                                       | MACCARY     | GAMMILL     | SMILEY     | G. WILLIAMS                              | E     |
| CASE   | KNIGHT(2)   | KASTNER     | NUSSBAUMER | E. GOULBOURNE                            | L     |
| GIAMBUSSO  | PAWLICKI    | BALLARD     |            | A/T IND                                  |       |
| BOYD-L(BWR)  | SHAO        | SPANGLER    | LIC ASST.  | BRATTMAN                                 |       |
| DEYOUNG-L(PWR)                                       | KNUTH       |             | SERVICE L  | SALTZMAN                                 |       |
| <input checked="" type="checkbox"/> SKOVHOLT-L       | STELLO      | ENVIRO      | MASON L    |  |       |
| P. COLLINS   | MOORE       | MULLER      | WILSON L   | PLANS                                    |       |
|  | HOUSTON     | DICKER      | MAIGRET L  | MCDONALD                                 |       |
| <input checked="" type="checkbox"/> REG OPR          | TEDESCO     | KNIGHTON    | SMITH L    | <input checked="" type="checkbox"/> DUBE |       |
| FILE & REGION (2)                                    | LONG        | YOUNGBLOOD  | GEARIN L   |  |       |
| MORRIS   | LAINAS      | PROJ LEADER | DIGGS L    | INFO                                     |       |
| STEELE   | BENAROYA    |             | TEETS L    | C. MILES                                 |       |
|  |             | REGAN       | LEE L      |  |       |

EXTERNAL DISTRIBUTION

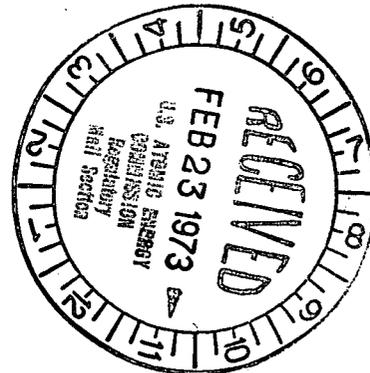
|  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> 1-LOCAL PDR Minneapolis, Minn. |                          |                          |                          |
| <input checked="" type="checkbox"/> 1-DTIE (ABERNATHY)             | (1)(2)(9)-NATIONAL LAB'S |                          | 1-GERALD ULRIKSON...ORNL |
| <input checked="" type="checkbox"/> 1-NSIC (BUCHANAN)              |                          |                          | 1-PDR-SAN/LA/NY          |
| 1-ASLB-YORE/SAYRE  |                          | 1-R. CARROLL-OC, GT-B227 | 1-GERALD LELLOUCHE       |
| WOODWARD/H. ST.  |                          | 1-R. CATLIN, E-256-GT    | BROOKHAVEN NAT. LAB      |
| <input checked="" type="checkbox"/> 16-CYS ACRS HOLDING            | SENT TO LIC ASST.        | 1-CONSULANT'S            | 1-AGMED (WALTER KOESTER, |
|  | R. DIGGS ON 2-23-73      | NEWMARK/BLUME/AGABIAN    | Rm C-427, GT)            |
|  |                          |                          | 1-RD...MULLER...E-309GT  |

**NSP****NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

February 20, 1973

Mr. A Giambusso  
 Deputy Director for Reactor Projects  
 Directorate of Licensing  
 United States Atomic Energy Commission  
 Washington, D C 20545



Dear Mr. Giambusso:

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

Request for Authorization to Operate With  
 Reload Fuel in the Core

Pursuant to 10 CFR 50.59 (d); we request authorization for operation of the Monticello Plant with reload fuel in the core as described in the attached report entitled "First Reload License Submittal."

The fuel assemblies which will be inserted have a design slightly different than that described in the FSAR. The attached report describes the new fuel and provides a comparison to the initial fuel design. A safety analysis is included which shows that the reload core fuel does not respond significantly different from the initial core fuel. No changes in the Technical Specifications are required by the insertion of the new fuel assemblies.

The Monticello Operations Committee and the Safety Audit Committee have reviewed this authorization request.

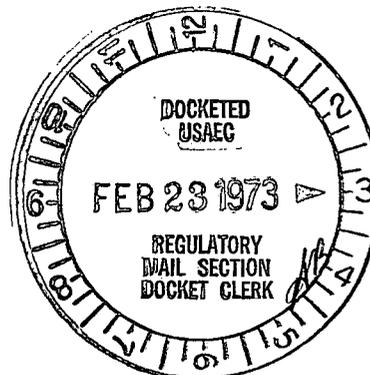
Our outage is scheduled to commence early in March, 1973 and is expected to last approximately eight weeks. We shall appreciate establishment of a review and authorization schedule which will permit resumption of plant operation as planned.

Yours very truly,

L O Mayer, P.E.  
 Director of Nuclear Support Services

LOM/MHV/br

cc: B H Grier  
 G Charnoff  
 Minnesota Pollution Control Agency  
 Attn. K Dzugan



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