UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

~~D. R. Muller~~
(2) ~~R. W. KLEPKER~~
(3) ~~C. E. LAUL~~
~~B. R. MULLER~~
~~K. R. GOLLER~~

May 19, 1970

J. P. O'Reilly, Chief, Reactor Inspection and Enforcement Branch
Division of Compliance, Headquarters

NORTHERN STATES POWER COMPANY (MONTICELLO)
DOCKET NO. 50-263

The attached report of inspections made at and in connection with the subject facility by CO personnel during the period April 22 through April 24, 1970, is forwarded for information. No items of nonconformance were noted.

Contacts were made with several of the outside agencies and/or organizations who have a role in the Monticello Emergency Plan. We have now contacted five of eight of the organizations or agencies involved and have found that each is familiar with their role in the plan and that each has been contacted by the applicant. We have also seen evidence that the remaining agencies and/or organizations have been contacted. On these bases, we have concluded that the applicant has made the necessary contacts in connection with implementation of the Monticello Emergency Plan.

On the basis of a meeting at the site, we have concluded that the applicant will develop an acceptable hot functional test program and that he will develop an acceptable control rod test and surveillance program. We will follow up on these matters. We also have assurance that the applicant will keep us informed regarding control rod performance in the same manner which has been agreed to by management organizations at other BWR sites (OC, NMP, and D2).

The following items have been added to our punchlist:

1. Results of Emergency Plan tests (II.A.2.).

2. Strengthening of Volume A of the Operating Manual (II.B.2.).

3. Strengthening of Volume C of the Operating Manual (II.B.3.).

4. Completion of satisfactory testing of standby diesel generator (II.C.2.f.).

5. Completion of testing of excess flow check valves in instrument lines and performance evaluation (II.C.2.j.).

6. Control rod preoperational testing of two rods for 25 scram cycles each and pressurized scrams of 20 rods following core loading (II.C.2.l. and II.E.2.).

7. Definition of scope of hot functional testing (II.D.2.).

8. Monitoring and reporting of control rod performance prior to and following fuel loading (II.E.2.).

The following items are considered to be resolved on the basis of information contained in the subject report:

1. Authority and responsibility (for site personnel) aspects of the Emergency Plan (II.A.1.).

2. Preoperational test procedure for process computer (II.C.1.a.).

3. Preoperational test procedure for RCIC system (II.C.1.b.).

4. Preoperational test procedure for cleanup demineralizer system (II.C.2.a.).

5. Fail-safe analysis of compressed air systems will be performed (II.C.2.d.).

6. Test data has been properly logged for the condensate demineralizer test (II.C.2.e.).

7. The alarm condition encountered during cold testing of the recirculating system pump has been explained (II.C.2.i.).

8. Results of main steam and relief valve testing have been evaluated on the basis of performance criteria (II.C.2.k.).

9. Fire protection test results include logging of all data (II.C.2.m.).

10. Cold functional test procedure (II.D.1.).

C E Jones for
Harold D. Thornburg
Senior Reactor Inspector

Attachment:
CO Rpt No. 263/70-8 by C. D. Feierabend
& E. L. Jordan dtd 5-14-70 (2 cys)

cc: E. G. Case, DRS
R. S. Boyd, DRL (2)
S. Levine, DRL (6)
D. J. Skovholt, DRL (3)
L. Kornblith, Jr., CO:HQ
Regional Directors, CO
REG files