

Docket

REGULATORY DOCKET FILE COPY



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
September 19, 1980

Docket Nos. 50-282
and 50-306

Mr. L. O. Mayer, Manager
Nuclear Support Services
Northern States Power Company
414 Nicollet Mall - 8th Floor
Minneapolis, Minnesota 55401

Dear Mr. Mayer:

The Order for Modification of License dated August 29, 1980, contained incorrect references. We have accordingly revised the Order. In view of this revision, the date for which a hearing may be requested is also accordingly revised.

Sincerely,

[Handwritten Signature]
Darrell G. Eisenhut, Director
Division of Licensing

Enclosure:
Revised Order

cc: See next page

8010160624

CP

GD

Mr. L. O. Mayer
Northern States Power Company

cc: Gerald Charnoff, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N.W.
Washington, D. C. 20036

Ms. Terry Hoffman
Executive Director
Minnesota Pollution Control Agency
1935 W. County Road B2
Roseville, Minnesota 55113

The Environmental Conservation Library
Minneapolis Public Library
300 Nicollet Mall
Minneapolis, Minnesota 55401

Mr. F. P. Tierney, Plant Manager
Prairie Island Nuclear Generating Plant
Northern States Power Company
Route 2
Welch, Minnesota 55089

Joclyn F. Olson, Esquire
Special Assistant Attorney General
Minnesota Pollution Control Agency
1935 W. County Road B2
Roseville, Minnesota 55113

Robert L. Nybo, Jr., Chairman
Minnesota-Wisconsin Boundary Area
Commission
619 Second Street
Hudson, Wisconsin 54016

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
Route #2, Box 500A
Welch, Minnesota 55089

Mr. John C. Davidson, Chairman
Goodhue County Board of Commissioners
321 West Third Street
Red Wing, Minnesota 55066

Bernard M. Cranum
Bureau of Indian Affairs, D01
831 Second Avenue South
Minneapolis, Minnesota 55402

Director, Technical Assessment Division
Office of Radiation Programs (AW-459)
U. S. Environmental Protection Agency
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection Agency
Federal Activities Branch
Region V Office
ATTN: EIS COORDINATOR
230 South Dearborn Street
Chicago, Illinois 60604

Chairman, Public Service Commission
of Wisconsin
Hill Farms State Office Building
Madison, Wisconsin 53702

regarding the possible shutdown of operating reactors. However, the Commission's May 23, 1980 decision directed licensees and the NRC staff to undertake certain actions.

With respect to environmental qualification of safety-related electrical equipment, the Commission determined that the provisions of the two staff documents - the Division of Operating Reactors "Guidelines for Evaluating Environmental Qualification of Class 1E Electrical Equipment in Operating Reactors" (DOR Guidelines) and NUREG-0588, "Interim Staff Position on Environmental Qualification of Safety-Related Electrical Equipment," December 1979 "form the requirements which licensees and applicants must meet in order to satisfy those aspects of 10 CFR Part 50, Appendix A General Design Criterion (GDC-4), which relate to environmental qualification of safety-related electrical equipment." The Commission directed, for replacement parts in operating plants, "unless there are sound reasons to the contrary, the 1974 standard in NUREG-0588 will apply." The Commission also directed the staff to complete its review of the information sought from licensees by Bulletin 79-01B¹ and to complete its review of environmental qualification of safety-related electrical equipment in all operating plants, including the publication of Safety Evaluation Reports, by February 1, 1981. The Commission

¹ Bulletin 79-01B was not sent to licensees for plants under review as part of the staff's Systematic Evaluation Program. The information sought by Bulletin 79-01B was requested from these licensees by a series of letters and meetings during the months of February and March, 1980.

imposed a deadline that, "by no later than June 30, 1982 all safety-related electrical equipment in all operating plants shall be qualified to the DOR Guidelines or NUREG-0588." The Commission requested the staff to, "keep the Commission and the public apprised of any further findings of incomplete environmental qualification of safety-related electrical equipment, along with corrective actions taken or planned," and requested the staff to provide bi-monthly progress reports to the Commission.

The Commission further directed the staff to add certain documentation requirements to each license after the specific requirements were approved by the Commission. The Commission also pointed out that the various deadlines imposed in its Order, "do not excuse a licensee from the obligation to modify or replace inadequate equipment promptly."

III.

The information developed during this proceeding emphasizes the importance of adequate documentation, the prompt completion of the review of environmental qualification of safety-related electrical equipment, and the prompt completion of any plant modification needed to assure conformance with the DOR Guidelines or NUREG-0588. A significant aspect of this review is the timely submittal of environmental qualification information by the operating plant licensees to enable the staff to complete its review in accordance with the Commission's Order. The staff has a program presently underway to reevaluate, using the DOR Guidelines and NUREG-0588, the qualifications of safety-related electrical equipment exposed

to environments that may exist following postulated accidents. These accidents are Loss of Coolant Accident and Main Steam Line Break inside containment, and High Energy Line Breaks inside and outside containment.

In this connection the licensee was requested by I&E Bulletin 79-01B dated January 14, 1980 to provide a detailed review of the environmental qualification of Class 1E electrical equipment. This review was to include all equipment required to function under postulated accident conditions, both inside and outside the primary containment, and recognize all conditions specified in the bulletin. Evidence of qualification together with methods and justification, was requested.

Clarification was provided by supplemental information, briefings, and in some cases, meetings with the licensee. Timely completion of the staff's review of environmental qualification of electrical equipment and timely completion of needed modifications by the licensee is required to provide continuing reasonable assurance of public health and safety. Such completion is dependent on the prompt receipt of a complete response by the licensee to the staff's requests for information. However, the licensee's response, to date, is incomplete.

Therefore, I have concluded that the public health, safety, and interest require that a firm schedule for the timely submission of all the information previously requested by the staff should be established by Order effective immediately.

IV.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS ORDERED THAT EFFECTIVE IMMEDIATELY Facility Operating License Nos. DPR-42 and DPR-60 are hereby amended to add the following provisions:

"Information which fully and completely responds to the staff's request as specified in I&E Bulletin 79-01B, shall be submitted to the Director, Region III, Office of Inspection and Enforcement, by the licensee not later than November 1, 1980."


An earlier response is encouraged to facilitate staff review and issuance of the safety evaluation report. The licensee or any person whose interest may be affected by this Order may request a hearing within 20 days of the date of publication of this Revised Order in the Federal Register.

Any request for a hearing will not stay the effective date of this Order. Any request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D. C. 20555. A copy of the request should also be sent to the Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, and to Gerald Charnoff, Esq., Shaw, Pittman, Potts and Trowbridge, 1800 M Street, N. W., Washington, D. C. 20036, attorney for the licensee.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licenses should be modified to require submission of information as set forth in Section IV. of the Order.

Operating of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order. This Order revises, in its entirety, the Order issued August 29, 1980, and published in the Federal Register September 11, 1980 (45 FR 60088).

FOR THE NUCLEAR REGULATORY COMMISSION


Darrell G. Eisenhut, Director
Division of Licensing

Effective Date: September 19, 1980
Bethesda, Maryland