



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 13, 1981

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:

SUBJECT: FIRE PROTECTION - PRAIRIE ISLAND

We have completed our review of your letter dated February 9, 1981 which requested postponement of the installation of (1) some of the fire wall penetration seals (2) protection for part of the structural steel in the Unit 2 side of the turbine building and (3) the fire door for the fire pump enclosure.

FIRE WALL PENETRATION SEALS

Previous correspondence on this subject has indicated that you have expended significant resources and have made good faith efforts to complete the installation of qualified fire barrier penetration seals throughout the two unit Prairie Island Plant during the past year. Your letter of February 9, 1981 indicated that you have installed all but 95 penetration seals out of a total of 2000 seals. You also indicated that the remaining seals are in the vicinity of steam or feedwater piping or below critical switchgear cabinets. We understand this to mean that personnel access to these areas is not either available or prudent during power operating conditions and that, therefore, the plant must be shutdown to permit installation of these remaining seals.

In support of your request for a postponement you indicated that the presently installed unqualified seals, installed fire detection instruments and manual and automatic fire suppression equipment are considered adequate to limit the spread of fire while seal upgrading is being completed. Based on our review we conclude that you have shown good cause for extending the completion date for installation of the remaining fire wall penetration seals to November 17, 1981, and that the public health and safety is not adversely affected by such extension. Accordingly, pursuant to 10 CFR 50.48(d) the date for installation of the remaining fire wall penetration seals is hereby extended to November 17, 1981.

TURBINE BUILDING STRUCTURAL STEEL PROTECTION

Previous correspondence on this subject has indicated that you have expended significant resources and have made good faith efforts during the past year to complete the installation of these protective coatings in the two unit

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Prairie Island Plant. Your letter of February 9, 1981 indicated that you have completed these coatings for the Unit 1 side of the turbine building and have only to complete the coatings on the Unit 2 side above the 727 foot level. You indicated that the protective coatings cannot be installed in these areas during power operations due to personnel safety considerations and the adverse impact of the turbine hall environmental conditions on the curing of the coating materials.

In support of your request for a postponement you indicated there is no safe shutdown equipment located in these turbine hall areas and that the structural steel coating already in place justify continued operation of Unit No. 2 until the next refueling shutdown, now scheduled to begin in late February 1981. Based on our review we conclude that you have shown good cause for extending the completion date for the installation of the Unit No. 2 turbine building structural steel protective coatings to prior to startup following the forthcoming Spring 1981 refueling outage, and that the public health and safety is not adversely affected by such extension. Accordingly, pursuant to 10 CFR 50.48(d) the date for installation of the remaining coatings is hereby extended to prior to startup following the forthcoming Spring 1981 refueling outage.

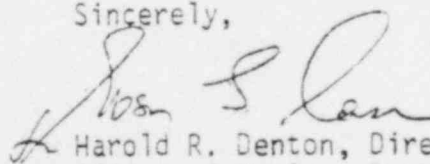
FIRE PUMP ENCLOSURE

Previous correspondence on this subject has indicated that you have expended significant resources and have made good faith efforts to complete the installation of the motor driven fire pump enclosure during the past year. Your letter of February 9, 1981 indicated that the fire rated door and door frame required to enable the completion of this enclosure had been ordered previously but was then found not to meet the required specifications. Therefore, the door and door frame had to be reordered thus introducing the delay in the completion date for this installation.

In support of your request for a postponement you indicated that redundancy in water supplies to the plant fire suppression water system is assured by the motor driven fire pump, the diesel driven fire pump, the screen wash pump and the safeguards grade cooling water system. Based on our review we conclude that you have shown good cause for extending the completion date for the fire pump enclosure and the related diesel oil day tank curbing to June 1, 1981 and that the public health and safety is not adversely affected by such extension. Accordingly pursuant to 10 CFR 50.48(d) the date for installation of the fire pump enclosure and related day tank curbing is hereby extended to June 1, 1981.

A copy of the related Notice of Extension, which is being forwarded to the Office of the Federal Register for publication, is enclosed.

Sincerely,



Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosure: Notice of Extension

cc: See next page

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

Jocelyn 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, DOI
831 Second Avenue South
Minneapolis, Minnesota 55402

Director, Criteria and Standards Division
Office of Radiation Programs (ANR-460)
U.S. Environmental Protection Agency
Washington, D. C. 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