

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	
NORTHERN STATES POWER COMPANY	)	Docket Nos. 50-282 and 50-306
	)	
(Prairie Island Nuclear Generating	)	
Plant Unit Nos. 1 and 2)	)	

EXEMPTION

I.

The Northern States Power Company (the licensee) is the holder of Facility Operating License Nos. DPR-42 and DPR-60 which authorize operation of the Prairie Island Nuclear Generating Plant, Unit Nos. 1 and 2. These licenses provide, among other things, that they are subject to all rules, regulations and Orders of the Commission now or hereafter in effect.

The facility comprises two pressurized water reactors at the licensee's site located in Goodhue County, Minnesota.

II.

By letter dated January 23, 1984, the licensee requested an exemption from the schedular requirements of 10 CFR 50.48(c), which establishes deadlines for the completion of fire protection modifications required by Appendix R to 10 CFR Part 50. Specifically, the licensee requested that the current deadline of February 4, 1984, for the installation of one-hour barriers pursuant to Section III.G.2(c), be extended to December 31, 1984, for both Prairie Island units. The request applies to Fire Areas 31, 32, 58, 59, 73 and 74, in which areas certain shutdown-related cables are being wrapped to provide the requisite one-hour barrier.

III.

The licensee states that the installation of cable wrapping in these fire areas is the only remaining Appendix R modification for the Prairie Island units. In the fire areas mentioned, all other Appendix R measures have been taken to the extent required, i.e. suppression and detection capabilities. Moreover, since the installation of cable wrap does not require plant shutdown, the modifications are proceeding steadily.

The licensee's efforts to complete the one-hour barrier installation have been delayed somewhat by the necessity of conducting cable derating studies and a review of cable support structures to assure that the existing supports can accommodate the additional weight of the fire wraps. These activities have been completed and steps taken to ensure that the installation of cable wraps will not adversely affect the capacity of the affected cables or the integrity of the modified support structures. Thus, the only remaining activity is the installation of the wrap in the affected fire areas.

The staff finds that the licensee has proceeded diligently to implement Appendix R at the Prairie Island units, and that the fire protection measures required by Appendix R have been installed with the sole exception of the cable wrap for which the extension is requested. Under these circumstances, the public health and safety will not be adversely affected by the extension of the deadline for a period of 11 months, especially considering that the work will be accomplished steadily throughout this period.

IV.

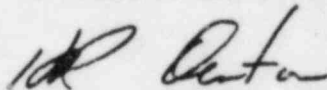
Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12, an exemption is authorized by law and will not endanger life or property or the

common defense and security and is otherwise in the public interest and hereby grants the following exemption with respect to the requirements of subsection III.G of Appendix R to 10 CFR 50:

Extend the implementation date in paragraph (c)(2) for installation of modification in Fire Areas 31, 32, 58, 59, 73 and 74 required by Appendix R subsection III.G for both units, from nine months after May 4, 1983 to December 31, 1984.

The NRC staff has determined that the granting of this Exemption will not result in any significant environmental impact and that pursuant to 10 CFR 51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with this action.

FOR THE NUCLEAR REGULATORY COMMISSION



Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland  
this 26th day of April, 1984.



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

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DOCKET No. 50-282/50-306

MEMORANDUM FOR: Docketing and Service Branch  
 Office of the Secretary of the Commission

FROM: Office of Nuclear Reactor Regulation

SUBJECT: NORTHERN STATES POWER COMPANY, Prairie Island Nuclear Generating  
 Plant Unit Nos. 1 and 2

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( 6 ) of the Notice are enclosed for your use.

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- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
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