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Docket Nos. 50-282
and 50-306

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Mr. D. M. Musolf
Nuclear Support Services Department
Northern States Power Company
414 Nicollet Mall
Midland Square - 4th Floor
Minneapolis, Minnesota 55401

Dear Mr. Musolf:

SUBJECT: ORDER CONFIRMING LICENSEE COMMITMENTS ON EMERGENCY RESPONSE
CAPABILITY SCHEDULES (GENERIC LETTER 82-33)

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NOS. 1 AND 2

The Commission has issued the enclosed Order confirming your commitments on emergency response capability. This Order reflects your commitments which we find acceptable and were negotiated between the Commission staff and yourself during the meeting held on June 24, 1983.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

Original Signed by J. R. Miller

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
Order

cc w/enclosure:
See next page

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*See previous page for concurrences.

OFFICE	ORB#3:DL*	ORB#3:DL*	ORB#5:DL*	ORB#3:DL*	AD:OR:DL*	OELD*	D:DL
SURNAME	PMKreutzer	DCDiIanni/pn	DCrutchfield	RACTark	GCLainas		DEisenhut
DATE	8/2/83	8/2/83	8/5/83	8/9/83	8/9/83	8/18/83	8/18/83

Mr. D. M. Musolf

- 2 -

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure: Order

cc: See next page

OFFICE	ORB#3:DL	ORB#3:DL	ORB#3:DL	ORB#3:DL	AD:OR,DL	OELD	D:DL
SURNAME	PM Preutzer	DC DiIanni/pn	DC Crutchfield	RA Clark	GCLA,mas	Lieberman K. Cicco	DGEisenhut
DATE	8/2/83	8/2/83	8/5/83	8/9/83	8/9/83	8/18/83	7/1/83



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

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PMKreutzer

June 14, 1984

DOCKET No. 50-282/306

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.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- 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.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Order.
- Exemption.
- Notice of Granting of Relief.
- Other: _____

Division of Licensing, ORB#3
Office of Nuclear Reactor Regulation

Enclosure:
As stated

OFFICE	ORB#3:DL					
SURNAME	PMKreutzer/pn					
DATE	6/14/84					

OFFICIAL RECORD COPY

Northern States Power Company

cc:

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

Mr. Louis J. Breimhurst
Executive Director
Minnesota Pollution Control Agency
1935 W. County Road B2
Roseville, Minnesota 55113

Mr. E. L. Watzl, 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

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

Regional Administrator
Nuclear Regulatory Commission, Region III
Office of Executive Director for Operations
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Mr. R. L. Tanner
County Auditor
Red Wing, Minnesota 55066

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

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)

NORTHERN STATES POWER)
COMPANY)

(Prairie Island Nuclear Generating)
Plant, Unit Nos. 1 and 2))

) Docket Nos. 50-282
) and 50-306

ORDER CONFIRMING LICENSEE COMMITMENTS
ON EMERGENCY RESPONSE CAPABILITY

I.

Northern States Power Company (NSP) is the holder of Facility Operating License Nos. DPR-42 and DPR-60 which authorize the operation of the Prairie Island Nuclear Generating Plant, Unit Nos. 1 and 2 (the facility) at steady-state power levels not in excess of 1650 megawatts thermal. The facility consists of two pressurized water reactors (PWRs) located at the licensee's site in Goodhue County, Minnesota.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the

accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

III.

NSP responded to Generic Letter 82-33 by letter dated April 15, 1983. By the negotiating meeting held at the plant site on June '24, 1983, NSP modified several dates as a result of negotiations with the NRC staff. NSP made commitments to complete the basic requirements. The attached Table summarizing NSP's schedular commitments or status was developed by the NRC staff from the Generic Letter and the information provided by NSP.

NSP's commitments include (1) dates for providing required submittals to the NRC and (2) dates for implementing certain requirements.

The NRC staff reviewed NSP's April 15, 1983 letter and entered into negotiations with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these negotiations, the licensee modified certain dates that are reflected in the attached table. The NRC staff finds that the modified dates are reasonable, achievable dates for meeting the Commission requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of NSP's commitments is required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT the licensee shall:

Implement the specific items described in the Attachment to this ORDER in the manner described in NSP's submittals noted in Section III herein no later than the dates in the Attachment.

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

V.


The licensee may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section IV of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 14th day of June, 1984.

Attachment:
Licensee's Commitments on
Requirements Specified in
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
1. Safety Parameter Display System (SPDS)	1a. Submit a safety analysis and an implementation plan to the NRC.	April 15, 1984 C
	1b. SPDS fully operational and operators trained.	Unit 1: 3 mo. after return to power following 1986 refueling (Cycle 11) Unit 2: 4 mo. after return to power following 1985 refueling (Cycle 10)
2. Detailed Control Room Design Review (DCRDR)	2a. Submit a program plan to the NRC.	Complete
	2b. Submit a summary report to the NRC including a proposed schedule for implementation.	January 1, 1985**
3. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met.	Complete
	3b. Implement (installation or upgrade) requirements.	Same as 1b. above.**

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
4. Upgrade Emergency Operating Procedures (EOPs)	4a. Submit a Procedures Generation Package to the NRC.	Complete
	4b. Implement the upgraded EOPs.	Complete
5. Emergency Response Facilities	5a. Technical Support Center fully functional.	Complete*
	5b. Operational Support Center fully functional.	Complete*
	5c. Emergency Operations Facility fully functional.	Complete*

*Enhancement to be completed with implementation of Reg. Guide 1.97 (3b above) and SPDS operational (1b above).

**Subject to change if additional NRC staff requirements issued.