

FROM  
**University of Massachusetts**  
**Richard E. Webb, Research Associate**

CONTROL NUMBER  
**7897**

FILE LOCATION

TO  
**Hanauer**

DATE OF DOCUMENT  
**11-18-74**

ACTION COMPLETION DEADLINE  
**12-2-74**

ACTION PROCESSING DATES  
 Acknowledged \_\_\_\_\_  
 Interim Reply \_\_\_\_\_  
 Final 1/5 Hanauer 12/19/74

PREPARE FOR SIGNATURE OF:  
 \_\_\_\_\_ Chairman  
 \_\_\_\_\_ Director of Regulation  
**X Hanauer**

DESCRIPTION **Ltr.**  Original  Copy  Other  
**Req. identification of brand of reactor referenced in WASH 1270, ATWS, pg. 49 about US designed, foreign power reactor which was found to have its screen system totally inoperative.**

REMARKS

REFERRED TO	DATE
<b>Hanauer f/action</b>	<b>11-25-74</b>

IS NOTIFICATION TO THE JCAE RECOMMENDED? \_\_\_\_\_  
 Cys: **PDR**

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**Richard E. Webb, Research Associate**

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 Final *S.H. Hanauer 12/9/74*

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 \_\_\_\_\_ Director of Regulation  
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\_\_\_\_\_  
Chairman  
\_\_\_\_\_  
Director of Regulation  
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		Cys: <b>FDA</b>

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PREPARE FOR SIGNATURE OF:  
 \_\_\_\_\_ Chairman  
 \_\_\_\_\_ Director of Regulation  
**X Hanover**

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Richard E. Webb, Research Associate

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\_\_\_\_\_  
Chairman  
\_\_\_\_\_  
Director of Regulation  
 Hanauer

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REFERRED TO

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IS NOTIFICATION TO THE JCAE  
RECOMMENDED? \_\_\_\_\_

Hanauer f/action

11-25-74

Cys:

FDR

DIRECTOR OF REGULATION  
COMMUNICATIONS CONTROL

Form HQ-32 (1-73)  
USAEC



*The Commonwealth of Massachusetts*  
*University of Massachusetts*

*Amherst 01002*

November 18, 1974

Department of Environmental Sciences  
Marshall Hall

Dr. Stephen H. Hanauer  
Director  
Office of Technical Advisor  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

Dear Dr. Hanauer:

I meant to ask you earlier about the unspecific reference in WASH-1270, Anticipated Transients Without Scram . . . , page 49, about the U.S. designed, foreign power reactor which was found to have its scram system totally inoperative. I request that you identify the brand of the reactor: was it a Westinghouse PWR, B&W PWR, GE BWR, or what? This is not a useless question, as certain vendors made very strong statements in the past that such ~~xxxxxx~~ failures are incredible; e.g., WCAP-7655, p. 13. Inasmuch as society is trying to come to grips with the question of the reliability of safety devices, ~~ix~~ and because ~~xof~~ the profundity of the nuclear power decision, it is extremely important that the full knowledge of our experience be brought to open light, which includes knowing just whose reactor design ~~xxxxixxxxx~~ experienced the incident abroad, and the date of occurrence.

You have been very cooperative in the past, and I greatly appreciate it.

Sincerely yours,

A handwritten signature in cursive script that reads "Richard E. Webb".

Richard E. Webb

Research Associate

Reg. Files



STATE OF MINNESOTA DEPARTMENT OF NATURAL RESOURCES

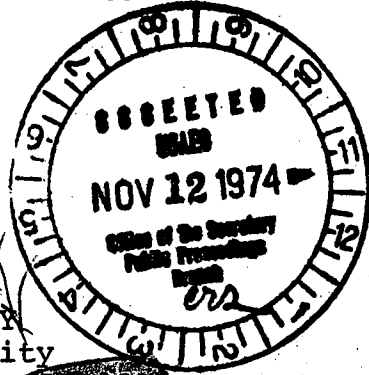
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November 7, 1974

Office of the Secretary
United States Atomic Energy Commission
Washington, D.C. 20545

Attention: Chief, Public Proceedings Branch

Re: NORTHERN STATES POWER COMPANY
Notice of Hearing on a Facility
Operating License (Docket No. 20-263)
Monticello Nuclear Generating Plant



Gentlemen:

Appended statement to the letter of January 25, 1973, for the licensing hearing on the Monticello Nuclear Generating Plant.

THERMAL DISCHARGES

A review of all the available data to October, 1974, still reveals no significant effects to the aquatic community have resulted from the operation of the Monticello Plant.

MIXING ZONE

The "mixing zone" has now been defined and shown with isothermal charts. We are somewhat concerned about the potential problems this could lead to; however, as yet there seems to be no evidence of decreases in fish populations or harm to fish migrations in the Monticello area. The Department of Natural Resources will continue to monitor fish populations from Monticello downstream to the Elk River area.

OPERATIONAL PROCEDURES

Procedures for the gradual temperature decrease have been established when plants are shut down for scheduled maintenance. Operational procedures for unscheduled shutdowns or "trip outs" have not been established. It is my hope that procedures can be worked out to protect fish in discharge areas during "trip outs". Such procedures could use 100 percent closed cycle operation to keep warm water in the canal as long as possible in the winter or other alternatives that engineers and operations personnel can use acceptably.

Should there be any changes in discharge character, i.e., 100% closed cycle, a re-evaluation of our conclusions concerning the aquatic community would be necessary, possibly based on additional studies.

FISH MORTALITY - INTAKE STRUCTURES

Upon our request, the trash basket was reconstructed into a sluice-way to provide free passage of fish back to the river. The Minnesota Department of Natural Resources requests that



Office of the Secretary  
United States Atomic Energy Commission  
November 7, 1974  
Page 2

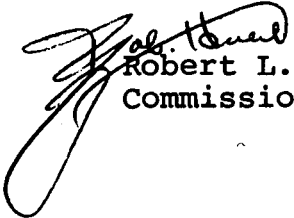
trash basket structures in any proposed new intakes or redesigned intakes not to be allowed.

POSTING OF NSP OWNED PROPERTY

A new sign which was acceptable to both NSP, AEC, and DNR was designed and has now been posted in place of the "KEEP OFF" signs.

In view of the aforementioned concerns and actions, this Department has no objections to the granting of a full operating license for the Monticello Nuclear Generating Plant to Northern States Power Company.

Sincerely,

  
Robert L. Herbst  
Commissioner

H

UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION

In the Matter of )

NORTHERN STATES POWER COMPANY )

(Monticello Nuclear Generating )  
Plant, Unit 1) )  
)  
)

Docket No.(s) 50-263

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document (s\* ) upon each person designated on the official service list compiled by the Office of the Secretary of the Commission in this proceeding in accordance with the requirements of Section 2.712 of 10 CFR Part 2 - Rules of Practice, of the Atomic Energy Commission's Rules and Regulations.

Dated at Washington, D. C. this  
14 day of July, 1974 .

Eugenia M. Pleasant  
Office of the Secretary of the Commission

UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION

In the Matter of )

NORTHERN STATES POWER COMPANY )

(Monticello Nuclear Generating )  
Plant, Unit 1) )

Docket No. 50-263

SERVICE LIST

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