

MAR 07 1986

Docket No. 50-305

Mr. D. C. Hintz
Manager - Nuclear Power
Wisconsin Public Service Corp.
P.O. Box 19002
Green Bay, Wisconsin 53407-9002

Dear Mr. Hintz:

SUBJECT: ENVIRONMENTAL ASSESSMENT ON APPENDIX R EXEMPTIONS

Re: Kewaunee Nuclear Power Plant

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated May 15, 1985, for exemption from the requirements of Appendix R to 10 CFR Part 50 for the Kewaunee Nuclear Power Plant.

The assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by
George E. Lear

George E. Lear, Director
Project Directorate #1
Division of PWR Licensing-A

Enclosure:
Environmental Assessment

cc's w/enclosure next page

Office:	LA/PAD#1	PM/PAD#1	PD/PAD#1	OELED
Surname:	PShuttleworth	MFairtile	GLear <i>GL</i>	
Date:	/ / 86	/ / 86	3/10/86	/ / X86

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Mr. D. C. Hintz
Wisconsin Public Service Corporation

Kewaunee Nuclear Power Plant

cc:

Steven E. Keane, Esquire
Foley and Lardner
777 East Wisconsin Avenue
Milwaukee, Wisconsin 53202

Stanley LaCrosse, Chairman
Town of Carlton
Route 1
Kewaunee, Wisconsin 54216

Mr. Donald L. Quistroff, Chairman
Kewaunee County Board
Kewaunee County Courthouse
Kewaunee, Wisconsin 54216

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

Attorney General
114 East, State Capitol
Madison, Wisconsin 53702

U.S. Nuclear Regulatory Commission
Resident Inspectors Office
Route #1, Box 999
Kewaunee, Wisconsin 54216

Regional Administrator - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Mr. Robert S. Cullen
Chief Engineer
Wisconsin Public Service Commission
P.O. Box 7854
Madison, Wisconsin 53707

Agencies and Persons Contacted:

The NRC staff reviewed the licensee's request and applicable documents referenced therein that support this Exemption for Kewaunee. The NRC did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

Based upon this environmental assessment, we conclude that this action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for this action.

For details with respect to this action, see the licensee's request for exemption dated May 15, 1985. This document, utilized in the NRC staff's technical evaluation of the exemption request, is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the University of Wisconsin Library Learning Center, 2420 Nicolet Drive, Green Bay, Wisconsin 54301. The staff's technical evaluation of the exemption request will be published with the exemption and will also be available for inspection at both locations listed above.

Dated at Bethesda, Maryland, this 7th day of March 1986.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

George E. Lear

George E. Lear, Director
Project Directorate #1
Division of PWR Licensing-A

See previous concurrences.*

Office: LA/PAD#1	PM/PAD#1	OELD	PD/PAD#1	
Surname: PShuttleworth*	MFairtile*/tg:jm	WShields*	GLear	
Date: 02/21/86	02/18/86	03/04/86	03/05/86	



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

UNITED STATES NUCLEAR REGULATORY COMMISSION

WISCONSIN PUBLIC SERVICE CORPORATION

KEWAUNEE NUCLEAR POWER PLANT

DOCKET NO. 50-305

NOTICE OF ENVIRONMENTAL ASSESSMENT AND

FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an Exemption from a portion of the requirements of 10 CFR 50.48, Fire Protection, to Wisconsin Public Service Corporation (the licensee) for the Kewaunee Nuclear Power Plant, located at the licensee's site in Kewaunee County, Wisconsin.

ENVIRONMENTAL ASSESSMENT:

Identification of Proposed Action:

The Exemption would permit the licensee to operate shutdown-related systems in a non-inerted (PWR) containment not separated by more than 20 feet and free of intervening combustibles and fire hazards.

Need for Proposed Action:

The proposed Exemption is needed in order to permit the licensee to use an alternate fire protection configuration that achieves an equivalent level of safety compared to that attained by compliance with Section III.G.2.d of 10 CFR 50.48. In addition, compliance with the rule would accrue unreasonable costs to the licensee without an increase in safety.

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Accordingly, the NRC staff agrees that this exemption from a portion of 10 CFR 50.48 is appropriate.

Environmental Impact of the Proposed Action:

The proposed Exemption would not affect the environmental impact of the facility. As the Exemption would not degrade the level of safety attained by compliance with the rule, there would be no change in accident doses to the environment.

The Exemption does not otherwise affect radiological plant effluents. Likewise, the relief granted does not affect non-radiological plant effluents, and has no other environmental impact. Therefore, the Commission concludes that there are no significant radiological or non-radiological impacts associated with this Exemption.

The proposed Exemption involves design features located entirely within the restricted area as defined in 10 CFR 20. It does not affect plant non-radioactive effluents and has no other environmental impact. Therefore, the Commission concludes that there are no non-radiological impacts associated with this proposed Exemption.

Since we have concluded that there are no measurable negative environmental impacts associated with this Exemption, any alternatives would not provide any significant additional protection of the environment.

Alternative Use of Resources:

This action does not involve the use of resources not previously considered in the Final Environmental Statement for Kewaunee.

Agencies and Persons Contacted:

The NRC staff reviewed the licensee's request and applicable documents referenced therein that support this Exemption for Kewaunee. The NRC did not consult other agencies or persons.

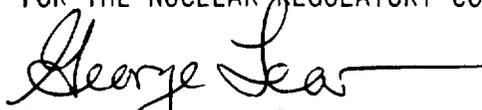
FINDING OF NO SIGNIFICANT IMPACT

Based upon this environmental assessment, we conclude that this action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for this action.

For details with respect to this action, see the licensee's request for exemption dated May 15, 1985. This document, utilized in the NRC staff's technical evaluation of the exemption request, is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the University of Wisconsin Library Learning Center, 2420 Nicolet Drive, Green Bay, Wisconsin 54301. The staff's technical evaluation of the exemption request will be published with the exemption and will also be available for inspection at both locations listed above.

Dated at Bethesda, Maryland, this 7th day of March 1986.

FOR THE NUCLEAR REGULATORY COMMISSION



George E. Lear, Director
Project Directorate #1
Division of PWR Licensing-A

MAR 07 1986

Distribution Copies:

Docket File 50-305

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