

JUL 9 1974

Docket No. 50-305

Wisconsin Public Service Corporation  
ATTN: Mr. E. W. James  
Senior Vice President  
Power Generation & Engineering  
P.O. Box 1200  
Green Bay, Wisconsin 54305

Gentlemen:

By letter dated January 15, 1974, in accordance with the requirements of 10 CFR Part 50, you submitted a proposal for our approval for the requalification of the licensed operators and senior operators at the Kewaunee Nuclear Power Plant. We have reviewed your proposed program and we conclude that the revisions identified in Attachment A are necessary to bring your program into conformance with previously approved requalification programs. The items in Attachment A are referenced to the appropriate sections of your submittal. Attachment B contains a list of acceptable control manipulations for meeting the 10 reactivity control manipulations required in paragraph 3a of Appendix A to 10 CFR Part 55. In order that we may complete our review, please submit a revised program within 30 days from the date of this letter.

Sincerely,

ORIGINAL SIGNED BY  
P. F. COLLINS

Paul F. Collins, Chief  
Operator Licensing Branch  
Directorate of Licensing

Enclosures:

1. Attachment A
2. Attachment B

cc: See next page

APPL.  
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OFFICE ➤						
SURNAME ➤						
DATE ➤						

Wisconsin Public Service Corp.

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DATE ➤	7/9/74	7/9/74	7/9/74			

ATTACHMENT A  
KEWAUNEE NUCLEAR POWER PLANT  
DOCKET NO. 50-305

4.1 This paragraph should be revised to indicate that at the end of the two year period, the program will be promptly followed, pursuant to a continuous schedule, by successive requalification programs.

4.1.1 It is not necessary to provide the lecture sub-topics; however, the schedule of lectures should be provided. The minimum number of lectures in any calendar year should not be less than six, evenly spaced throughout the year and taking into consideration heavy vacation periods and infrequent operations such as, re-fueling periods. Lectures may be deferred due to unanticipated shutdowns. However, these lectures should be conducted at a later date.

Facility management may elect to have all licensed individuals attend every lecture. An alternative to this is to use the results of the normal written examination to develop the lecture series and attendance for the following year. If this latter method is used, the requalification program should contain a grade criterion for exemption from attendance at a given lecture. The minimum grade acceptable for exemption from attendance at a particular lecture is 80% in that category of the examination. The program should state the method to be used and include the appropriate criteria.

A reference is made to a very extensive library of video tapes which will be utilized in the formal classroom lectures. A re-qualification program based solely upon the use of films, videotapes and/or individual study is not an acceptable substitute for a lecture series. It has been established that no more than 50% of the lecture series may be presented by means of videotapes and films. Your program should include a statement to that effect.

4.1.2.a, Provide the details of implementation of this part of your program. Specifically, the information should include the frequency of procedure reviews, who will conduct the walkthroughs and the

documentation that will be maintained. Sufficient information should be included to show how the requirements of Paragraphs 3b, 3c and 3d of Appendix A to 10 CFR Part 55 will be met.

- 4.2.1. Paragraph 3a of Appendix A also requires that each licensed senior operator either performs 10 manipulations of the reactivity controls or directs the activities of individuals during 10 reactivity control manipulations during the terms of their licenses. The program should specify that that is your intention.

The manipulations for which credit will be taken must be specified. An acceptable list of manipulations for PWR's appears in Attachment B. Additionally, a statement must be included that indicates every effort will be made to have an individual perform a combination of manipulations during any two year requalification program.

- 4.2.2. We would consider the use of a simulator in your requalification program to be a significant change pursuant to Section 50.54(i-1) of 10 CFR Part 50. Consequently, any proposed simulator program should be submitted for our review prior to its implementation.

- 4.3 The requalification program must provide for an annual written examination comparable to an A.E.C. examination consistent with the type of license held.

In addition, the program must provide a grade criterion for determining that an individual should participate in an accelerated requalification program pursuant to Paragraph 4e of Appendix A. A grade of less than 70% overall on the annual written examination has been established as requiring mandatory participation in an accelerated requalification program. The program should contain a provision that an individual enrolled in an accelerated requalification program shall not perform licensed duties until he has successfully completed the accelerated program. The scope and duration of the accelerated program should be based on the individual's demonstrated deficiencies.

- 4.3.1 It has been established in approved programs that an individual scoring less than 80% on a periodic written examination will be required to undergo remedial training in the subject material. This criterion should also be included in your program.

- 4.3.2 The program should describe what is involved in an operational drill and indicate the frequency with which it is anticipated they will be conducted.

The program should also describe how the requirements for evaluations pursuant to Paragraph 4c of Appendix A will be met.

- 4.5 The program should specifically state that the answers given by the licensees will be maintained. In addition, documentation of abnormal and emergency procedure review and cognizance of changes to facility design, procedures and license should be maintained.

ATTACHMENT B  
ACCEPTABLE REACTIVITY OF MANIPULATIONS FOR A PWR  
KEWAUNEE NUCLEAR POWER PLANT  
DOCKET NO. 50-305

1. Startup to the point of adding heat.
2. Orderly shutdown .
3. Manual control of S/G levels during startup and shutdown.
4. Operation of EHC in manual during startup.
5. Boration during power operation.
6. Dilution
7. Operation of manipulator crane during refueling over the core.
8. Any significant ( $>10\%$ ) power changes in manual rod control.
9. Manual rod control prior to and during generator sychronization.