

*Docket file*

Docket No. 50-305

JAN 11 1974

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

Gentlemen:

Reference is made to our letter of December 21, 1973, which transmitted Facility Operating License DPR-43 for the Kewaunee Nuclear Power Plant. The letter stated that operations under the license would not proceed beyond fuel loading until specifically approved by the Commission in writing.

We have determined that further pre-operational, sub-critical testing of the Kewaunee plant can proceed pending completion of those items listed in the enclosure which previously have been identified to you.

Accordingly, this letter constitutes your authority to proceed with sub-critical testing of the Kewaunee plant. Criticality shall not be achieved until specifically authorized in writing by the Commission.

Sincerely,

Karl Kniel, Chief  
Light Water Reactors Branch 2-2  
Directorate of Licensing

Enclosure:

Items to be completed  
prior to initial criticality

43

OFFICE	LWR 2-2	LWR 2-2				
SURNAME	LCrocker:as	KKniel				
DATE	1/11/74	1/11/74				

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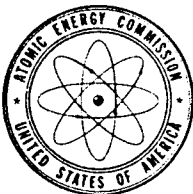
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UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

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Sincerely,

A handwritten signature in cursive script, appearing to read "Karl Kniel", is written over a horizontal line.

Karl Kniel, Chief  
Light Water Reactors Branch 2-2  
Directorate of Licensing

Enclosure:  
Items to be completed  
prior to initial criticality

Wisconsin Public Service Corporation

CC:  
Mr. C. Giesler  
Superintendent of Nuclear Power  
Wisconsin Public Service Corporation  
P. O. Box 1200  
Green Bay, Wisconsin 54305

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## ENCLOSURE

The following identified items must be corrected or completed prior to initial criticality:

1. Completion of corrective action relating to preoperational and demonstration tests and completion of remaining preoperational tests.
2. Complete and test waste evaporator processing equipment.
3. Correct CDR cooling fan "operation indicator" in Reactor Building Ventilation System.
4. Complete preoperational testing of the RMS.
5. Determine whether or not an alarm and/or annunciator should be provided to re-flash the main control panel after receipt of an alarm on the RMS in the control room.
6. Assure the capability to sample and analyze liquid and gaseous wastes as required by technical specifications Section 4.11.
7. NI System annunciator wiring must be completed in accordance with a pending drawing revision.
8. Nondestructive testing (NDT) for baseline/initial service inspection data for the primary system.
9. Addition of suppression devices to annunciator circuits.
10. Remaining equipment necessary for implementation of the emergency must be checked, installed, and properly stored.