



UNITED STATES  
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

DEC 6 1973

A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

KEWAUNEE - WISCONSIN PUBLIC SERVICE CORPORATION (DOCKET NO. 50-305)

Enclosed is a list of the items remaining to be completed prior to loading fuel at the Kewaunee plant. These items have been identified to the licensee, and he is aware that they must be completed before issuing an operating license. We do not believe that the licensee can be ready for fuel loading until late December 1973. We will keep you informed of the status of the plant.

We have found that the licensee has implemented an acceptable QA program for operations and so informed Licensing by our memorandum to Karl Kniel of November 23, 1973.

John G. Davis, Deputy Director  
for Field Operations  
Directorate of Regulatory Operations

Enclosure:  
As stated

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DR Central Files ✓  
PDR  
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*Hemo*

ENCLOSURE

A. Preoperational/Acceptance Test Procedures

Licensee has not completed all preoperational testing.

Drafts Completed	100%
Approved	94%
Performed	47%
Test Results Approved	32%

B. Operating Procedures

Licensee has approved all operating procedures essential for fuel loading. Verification of procedures by the licensee's operating staff is in progress.

Drafts Completed	97%
Approved	97%
Demonstration	10%

C. Surveillance Procedures

Most of the surveillance test procedures reviewed for fuel loading have been implemented.

Drafts Completed	87%
Approved and Implemented	40%

D. Startup Test Program

Drafts are complete. Procedures not yet approved by the licensee include:

Pre-Core Loading Preparation  
Power Tests

E. Adequacy of Plant Staff

Licensee must resolve adequacy of operating and maintenance staff with respect to the number of maintenance personnel and senior reactor operators.

F. Other Outstanding Items

1. Review preoperational test results.
2. Review and evaluate resolution of preoperational test deficiencies.
3. Review startup test procedures.
4. Evaluate surveillance test procedures.
5. Review changes to eliminate excessive water leaks in reactor fueling pit.
6. Examine replacement of McGraw Edison 5 kv switchgear switches.
7. Examine rework of wiring bundles in 5 kv switchgear cubicles.
8. Examine removal of zener diodes and addition of suppression devices to prevent damage to safety related circuits, due to lightning strikes.
9. Examine impeller rework for safety injection pumps.
10. Examine application of flamastic materials to fire barriers and seals.
11. Examine completed report from Westinghouse Electric Corporation on reactor pressure vessel and safety related piping for base line ultrasonic information.
12. Examine preoperational testing and calibration of process and area monitoring systems.
13. Examine placement of emergency equipment.
14. Review emergency plan implementing procedures.
15. Verification of implementation of Security Plan.