

UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIVISION OF COMPLIANCE  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

TELEPHONE  
(312) 858-2660

March 13, 1972

J. G. Keppler, Chief, Reactor Testing and Operations Branch  
Division of Compliance, Headquarters

WISCONSIN PUBLIC SERVICE CORPORATION (KEWAUNEE)  
DOCKET NO. 050-305

The attached report is forwarded for information. No items of noncompliance were observed during the inspection.

The licensee has stated that preoperational tests which have been approved will be revised, if appropriate, to include adequate documentation to meet 10 CFR 50, Appendix B, requirements.

*D. M. Hunnicutt*

D. M. Hunnicutt  
Senior Reactor Inspector

Attachment:

CO Rpt No. 050-305/72-05 by  
C. D. Feierabend

cc: J. B. Henderson, CO  
E. G. Case, DRS (3)  
R. S. Boyd, DRL (2)  
R. C. DeYoung, DRL (2)  
D. J. Skovholt, DRL (3)  
H. R. Denton, DRL (2)  
L. Kornblith, CO  
R. H. Engelken, CO  
CO Files  
DR Central Files

U. S. ATOMIC ENERGY COMMISSION  
DIVISION OF COMPLIANCE

REGION III

CO Inspection Report No. 050-305/72-05

Subject: Wisconsin Public Service Corporation  
Kewaunee Nuclear Power Plant  
Kewaunee, Wisconsin

License No. CPPR-50  
Priority: N/A  
Category: B

Type of Licensee: PWR - 560 Mwe (Westinghouse)

Type of Inspection: Routine, Unannounced

Dates of Inspection: February 24 - 25, 1972

Date of Previous Inspection: February 11, 1972 (Construction)

Principal Inspector: *D. M. Hunnicutt*  
for C. D. Feierabend

3/13/72  
(Date)

Accompany Inspectors: None

Other Accompanying Personnel: None

Reviewed By: *D. M. Hunnicutt*  
D. M. Hunnicutt, Senior Reactor Inspector

3/13/72  
(Date)

Proprietary Information: None

## SECTION I

Enforcement Action: None

Licensee Action on Previously Identified Enforcement Matters: None

Unresolved Items: Operation and maintenance of equipment, Paragraph 2.

Status of Previously Reported Unresolved Items: None

Unusual Occurrences: None

Persons Contacted

### Wisconsin Public Service Corporation (WPS)

- \*E. James, Vice President, Power Generation and Engineering
- \*C. Giesler, Superintendent, Nuclear Power
- \*C. Luoma, Plant Superintendent
- \*R. Lange, Assistant Plant Superintendent
- H. Bundy, Operating Procedures Coordinator
- \*T. Meinz, Startup Group Test Coordinator
- W. White, Startup Group Test Engineer
- R. Hirst, Maintenance Supervisor
- D. Mc Swain, Instrument Supervisor
- W. Truttman, Operations Supervisor
- J. Bly, Shift Supervisor
- T. Robison, Auxiliary Operator

\* Attended Management Interview

### Management Interview

A meeting with WPS management was held at the conclusion of the inspection.

The inspector stated that the general appearance of housekeeping was observed to be good. Mr. James acknowledged.

The inspector stated that his review of a draft of a change to a preoperational test procedure indicated that the proposed revisions should eliminate the deficiencies in test procedure documentation that were identified during a previous inspection.<sup>1/</sup> The inspector asked for a commitment that test procedures which had previously been approved be revised to provide that the tests will meet the requirements of Sections XI and XVII of 10 CFR 50, Appendix B. Mr. James stated that the test procedures are being revised to assure conformance with 10 CFR 50 requirements.

1/ CO Report No. 050-305/72-01.

The inspector stated that his inspection included review of operation and maintenance of equipment that had been transferred to the plant operational organization in accordance with the established procedures. The inspector stated his observations indicated that preventive maintenance was not being performed and that operating procedures were not readily available to the operators. After considerable discussion, Mr. Luoma stated that Class I equipment such as batteries, chargers, and station batteries have received adequate maintenance.

The inspector stated that his concern was not necessarily for the specific equipment observed but that a preventive maintenance program be established and a system initiated for assurance that equipment will be adequately maintained and properly operated.

In response to Mr. Giesler's question concerning whether "final approved procedures" are required for operation of equipment prior to licensing, the inspector stated that, in his view, this was not necessary, and that in fact, the procedures used during this period may often need to be special procedures when equipment such as air compressors or pumps may be operated for extended periods before permanent wiring for instrumentation, alarms, etc., is complete.

Mr. James stated that he understood the inspector's concern and that action would be taken to assure that any equipment being operated will be properly operated and maintained.

## SECTION II

Additional Subjects Inspected, Not Identified In Section I, Where No Deficiencies or Unresolved Items Were Found: None

### Details of Subjects Discussed in Section I

#### 1. Preoperational Test Procedure

Review of a draft of a proposed revision to procedure PT-AS-01, Station and Instrument Air Systems Functional Test, indicated that the test records would include sufficient data to fulfill the requirements of 10 CFR 50, Appendix B. The plant Startup Program Manual has provisions for revising the procedures. They will be revised by formal revision, which requires the same review and approval as the original procedure.

The inspector was informed that any procedures that have been previously approved will be reviewed and revised, where appropriate, to provide that the requirements of 10 CFR 50, Appendix B, are satisfied.

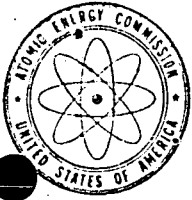
#### 2. Operation and Maintenance of Equipment

The inspector selected one station air compressor as a sample of equipment that had been placed in extended operation to support construction and preoperational testing. Several deficiencies were observed.

- a. There was no operating procedure available in the control room or at the equipment location.
- b. There were no records of maintenance performed.
- c. Operating records were being maintained, however, no system had been established for scheduling preventive maintenance.

The plant maintenance section is in the process of verifying nameplate data on all equipment, obtaining manufacturer's literature and developing a maintenance program. All corrective maintenance is being performed by construction forces in accordance with an established procedure where the equipment is returned to construction via a work request documentation. This procedure appears appropriate and should provide control and documentation of major maintenance performed if the procedure is implemented in accordance with its provisions.

DR Central Files



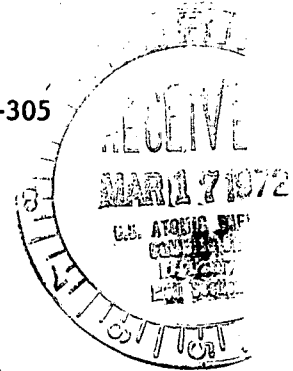
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TELEPHONE  
(312) 858-2660

March 9, 1972

Wisconsin Public Service Corporation  
ATTN: Mr. E. W. James, Senior Vice President  
Power Generation and Engineering  
P. O. Box 700  
Green Bay, Wisconsin 54305

Docket No. 50-305



Gentlemen:

This refers to the inspection conducted by Mr. Feierabend of this office on February 24-25, 1972, of your activities at the Kewaunee Nuclear Plant authorized by AEC Construction Permit No. CPPR-50 and to the discussion of our findings at the conclusion of the inspection with you and representatives of your staff at the company's corporate office on February 25, 1972.

Areas examined during this inspection included review of preoperational test procedures, status of preparation of maintenance procedures, and operation of plant equipment. Within these areas, the inspection consisted of selective examination of representative records and procedures, interviews with plant personnel, and observations by the inspector.

No items of noncompliance with AEC requirements were identified within the scope of this inspection.

During the inspection, it was observed that operation of plant auxiliary equipment was being carried out without having operating procedures available and without assuring that preventive maintenance is being performed. We understand that action will be taken to assure that approved operating procedures are available for operation of auxiliary plant equipment, where appropriate, and that a preventive maintenance program will be developed and implemented. We will examine this matter further during subsequent inspections.

March 9, 1971

In regard to the matter previously pointed out in our letter of January 26, 1972, it was observed that action had been initiated to revise preoperational test procedures to provide for complete documentation of test results. We understand that your action on this matter will include revising all test procedures that may have been previously approved. We will also examine this matter further during subsequent inspections.

No reply to this letter is necessary; however, should you have any questions concerning this inspection, we will be glad to discuss them with you.

Sincerely yours,

Boyce H. Grier  
Regional Director

cc: C. W. Cieslar, Superintendent, Nuclear Power  
E. R. Mathews, Manager, Power Engineering  
L. O. Ramssett, Quality Assurance Supervisor

bcc: J. G. Keppler, CO  
L. Kornblith, CO  
R. H. Engelken, CO  
P. A. Morris, DRL  
CO Files  
DR Central Files  
J. B. Henderson, CO  
PDR  
Local PDR  
NSIC  
R. L. Shannon, DTIE