

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-305/84-12(DRP)

Docket No. 50-305

License No. DPR-43

Licensee: Wisconsin Public Service Corporation
P. O. Box 19002
Green Bay, WI 54307-9002

Facility Name: Kewaunee Nuclear Power Plant

Inspection At: Kewaunee Site, Kewaunee, WI

Inspection Conducted: August 17, 22-24, 29-31, September 4-7, 10-14, 17-21,
24-27, October 15, 1984

Inspector: R. L. Nelson

Approved By: *I. N. Jackiw*
I. N. Jackiw, Chief
Reactor Projects Section 2B

10-23-84
Date

Inspection Summary

Inspection on August 17, 22-24, 29-31, September 4-7, 10-14, 17-21, 24-27, October 15, 1984 (Report No. 50-305/84-12(DRP))

Areas Inspected: Routine, unannounced inspection by resident inspector of operational safety; maintenance, surveillance; and independent inspection. The inspection involved a total of 101 inspector-hours by one inspector including 16 inspector-hours onsite during off-shifts.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

*C. R. Steinhardt, Plant Manager
*M. C. Marchi, Technical Supervisor
*R. W. Lange, Superintendent Maintenance
K. W. Evers, Superintendent, Operations
W. J. Richmond, Plant Services Superintendent
D. W. McSwain, Assistant Superintendent, Instrument and Control
M. Kwitek, Reactor Supervisor

The inspector also talked with interviewed members of the Operations, Maintenance, Health Physics, Instrument and Control, Quality Control, and Security Groups.

*Denotes those attending one or more exit interviews.

2. Operational Safety Verification

The inspector observed control room operations, reviewed applicable logs and conducted discussions with operators throughout the inspection period. The inspector verified the operability of selected safety-related systems, reviewed tagout records and verified proper return to service of affected components. Tours of the auxiliary and turbine building were conducted. During these tours, observations were made relative to equipment condition, fire hazards, fire protection, adherence to procedures, radiological control and conditions, housekeeping, security, tagging of equipment, ongoing maintenance and surveillance, containment integrity, and availability of safety-related equipment.

During the inspection period, the inspector walked down the accessible portions of the auxiliary feedwater, fire protection, service water, emergency diesel generator, high head safety injection, containment spray, residual heat removal, component cooling, spent fuel pit cooling and radiation monitoring systems to verify operability.

No items of noncompliance or deviations were identified.

3. Monthly Maintenance Observation

Station maintenance activities of safety-related systems and components listed below were observed/reviewed to ascertain that they were conducted in accordance with approved procedures, regulatory guides and industry codes or standards and in conformance with technical specifications.

The following items were considered during this review: the limiting conditions of operation were met while components or systems were removed from service; approvals were obtained prior to initiating the work; activities were accomplished using approved procedures and were inspected as applicable; functional testing and/or calibrations were performed prior

to returning components or systems to service; parts and materials used were properly certified; radiological controls were implemented; and fire prevention controls were implemented.

The following maintenance activities were observed/reviewed:

<u>MWR No.</u>	<u>Activity</u>
25883	Modified Service Water Piping Hanger SW-H401
27377	Pinhole Leak on Service Water Line for 1A component Cooling Water HX - Clad welded defect and performed inservice hydro test
27435	Installed New Check Valves and Head Gasket on 1A Emergency Diesel Starting Air Compressor
27514	1B Emergency Diesel Sequence Relay out of tolerance - readjusted and tested
26960	Installed New Ventilation Ducting for 1A and 1B Station Batteries

No items of noncompliance or deviations were identified.

4. Monthly Surveillance Observation

The inspector reviewed/observed the following Technical Specification required surveillance testing:

<u>Surveillance Procedure</u>	<u>Test</u>
081	Fire Pump Test
105	Turbine Driven Auxiliary Feedwater Pump
107	Shield Building Ventilation System
144	Accumulator Isolation and Check Valve Test
167-6	Cold Shutdown Valve Tests
175	Diesel Generator Fuel Oil Day Tank Level Calibration

The following items were considered during the inspection: that testing was performed in accordance with adequate procedures, that test instrumentation was calibrated, that test results conformed with technical specifications and procedure requirements were reviewed by personnel other than the individual directing the test, and that any deficiencies identified during the testing were reviewed and resolved by appropriate management personnel.

No items of noncompliance or deviations were identified.

5. Independent Inspection

The inspector conducted a general inspection of operations, maintenance, health physics, security, quality assurance, and administrative activities.

No items of noncompliance or deviations were identified.

6. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) throughout the period of August 16 - October 15, 1984, and at the conclusion of the inspection on October 15, 1984, and summarized the scope and findings of the inspection activities.