

WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

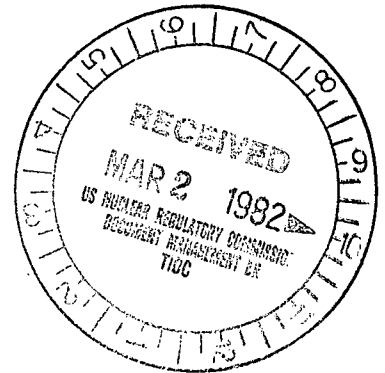
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February 17, 1982

Mr. J. G. Keppler, Regional Administrator
 Office of Inspection & Enforcement
 Region III
 U. S. Nuclear Regulatory Commission
 799 Roosevelt Road
 Glen Ellyn, IL 60137



Dear Mr. Keppler:

Docket 50-305
 Operating License DPR-43
 Kewaunee Nuclear Power Plant
Public Notification System

- References:
- 1) Letter from E. R. Mathews (WPS) to J. G. Keppler (NRC) dated November 20, 1981
 - 2) Letter from E. R. Mathews (WPS) to J. G. Keppler (NRC) dated January 29, 1982

The purpose of this letter is to inform you that the installation of the Public Notification System described in Reference (1) for Kewaunee County was completed on January 29 and tested on January 30. Several deficiencies were discovered in this test. Corrective action was taken during the week of February 1 and a one-minute system retest was performed on February 6, 1982.

Responsibility for the combined Kewaunee Nuclear Power Plant and Point Beach Nuclear Plant Emergency Planning Zone (EPZ) Public Notification System has been divided between Wisconsin Public Service Corporation and Wisconsin Electric Power Company by the Kewaunee and Manitowoc County line. This report addresses those sirens under the control of the Kewaunee County Division of Emergency Government. By separate correspondence Wisconsin Electric Power Company will inform you of the status of the sirens within the combined EPZ located in Manitowoc County.

All sirens in Kewaunee County under control of the Kewaunee County Sheriff functioned properly on the February 6 test with one exception. Siren site 4, located approximately 1.5 miles north of the plant on State Highway 42 failed to rotate. The actuation signal properly started the siren which developed

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full output (unmeasured). Following this test, the siren was restarted locally and the horn rotated properly. This test was performed when the ambient temperature was approximately 0°F and the previous evening low temperature was approximately -15°F. It is the opinion of the siren vendor that the cold temperatures may have caused moisture present in the horn assembly to freeze which then caused the required starting torque to exceed the torque developed from the torque limiter on the horn rotational drive. The subsequent start attempts broke the frozen seal and the horn rotated freely. At this time no corrective action is planned; however, an observer will be stationed at this site to observe rotation on the next monthly test. Had the siren been used for a full 3 to 5 minute alert signal, it is possible that horn rotation would have started. Sustained operation with a "locked" horn will not damage the rotor motor.

Operation of the siren system has now been turned over to the Kewaunee County Sheriff.

Very truly yours,



E. R. Mathews, Senior Vice President
Power Supply & Engineering

snf

cc - Mr. Jesse Pagliaro, US NRC
Mr. B. K. Grimes, US NRC
Mr. C. F. Riederer, PSCW