



Wisconsin Electric POWER COMPANY
231 WEST MICHIGAN, MILWAUKEE, WISCONSIN 53201

ACCEPTANCE REVIEW

PROJECT NO. 540 (W000 142)

August 15, 1975

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Dear Mr. Rusche:

ALTERNATIVE AND FUTURE SITES
WISCONSIN UTILITIES PROJECT
DOCKETS STN 50-502 through 50-507

On May 29, 1974, Wisconsin Electric Power Company, Wisconsin Power and Light Company, Wisconsin Public Service Corporation, and Madison Gas and Electric Company (Applicants) filed an application for construction permits and all licenses required in connection with the ownership, use, and operation of one or more nuclear power plants at one or more sites in Wisconsin. This application included a Preliminary Safety Analysis Report (PSAR) containing the information required under Sections 50.34(a) and 50.34a of the Commission's Regulations. On July 1, 1974, Applicants filed a Site Addendum to the PSAR and an Environmental Report for the Koshkonong Nuclear Plant. The PSAR was docketed on August 9, 1974; the Koshkonong Site Addendum was accepted on August 26, 1974; and the Koshkonong Environmental Report was accepted on September 5, 1974. Both the radiological safety and environmental reviews of Koshkonong Nuclear Plant are currently in progress.

As part of the planning for the proposed Koshkonong Nuclear Plant, Applicants conducted an extensive power plant site investigation program. This program began in 1972 and culminated in June 1974 with the selection of the Koshkonong Nuclear Plant site. Over 80 sites were investigated in 17 candidate regions in Wisconsin and the Upper Peninsula of Michigan. After completion of preliminary studies, five of the sites were selected for detailed study. These five sites included the Koshkonong site in Jefferson County, the Haven site in Sheboygan County, and sites in Kenosha, Grant, and Wood counties.

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A preliminary environmental report was issued in June 1973, which discussed these five sites as well as the other locations which were studied as part of the preliminary site investigation. Copies of this Preliminary Environmental Report were provided for information to the Regulatory Staff.

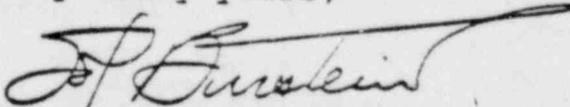
In addition to the Koshkonong Site, two other sites have been identified by the Applicants as alternatives to the Koshkonong location or future potential nuclear plant sites. These sites are known as the Haven site, located in Sheboygan County, and the Wood site, located in the town of Rudolph in Wood County. The detailed studies conducted by the Applicants at these sites have been assembled in an Environmental Report and a Site Addendum for each site which assume the use of the same two-unit, 900 MWe, pressurized water reactor plant, as described in the Wisconsin Utilities Project PSAR. The scope of the Environmental Reports and Site Addenda are generally the same as that required for a construction permit application.

We are pleased to send you 20 copies each of the Site Addendum and Environmental Report for the Haven site and the Wood site. These materials comprise 15 volumes for the two locations. They are currently being printed and should be mailed to you under separate cover in a few days. We believe this transmittal also responds to Mr. Giambusso's letter to us under Project STN 495, dated August 27, 1974.

The Applicants are not applying for a construction permit for the Haven and Wood sites. Applicants are unable to predict at this time if, and when, such an application for construction permits would be made. However, we are submitting these Environmental Reports and Site Addenda in the context of the Commission's March 11, 1974 announcement of the policy for reviewing future potential nuclear plant sites in advance of an application for specific construction permits, and also in the context of the Commission's proposed legislation for early siting approval. Also, in consideration of the substantial effort which applicants have expended in reviewing these sites at Haven and Wood as potential alternatives to the Koshkonong site and as potential future sites, we believe it is appropriate for the Commission to be in possession of the information so derived.

We would be pleased to meet with members of the Regulatory Staff to discuss any questions which the staff may have in this regard, and to consider any review which the Commission may wish to undertake in regard to future designated nuclear plant locations.

Very truly yours,


Executive Vice President

Sol Burstein

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