

FEB 25 1982

Docket No. 50-305

Mr. Eugene R. Mathews, Vice President
Power Supply and Engineering
Wisconsin Public Service Corporation
Post Office Box 1200
Green Bay, Wisconsin 54305

Dear Mr. Mathews:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RE: SEISMIC QUALIFICATION
OF THE AUXILIARY FEEDWATER SYSTEM - KEWAUNEE NUCLEAR PLANT

Ref. (a): Letter to S. A. Varga (NRC) from E. R. Mathews (WPSC) dated
August 14, 1981 on the Subject of Seismic Qualification of
Auxiliary Feedwater Systems

The NRC and its consultants have reviewed the Wisconsin Public Service Corporation response under Reference (a) to NRC Generic Letter 81-14 concerning the seismic qualification of the auxiliary feedwater (AFW) system for the Kewaunee Nuclear Plant. In order to complete our review, we find that the additional information indicated in the enclosure is necessary. To provide for a timely completion of our review effort, it is necessary that this information be provided by your office within 30 days from the date of this letter. This information request is covered by the GAO clearance given previously to Generic Letter 81-14.

Sincerely,

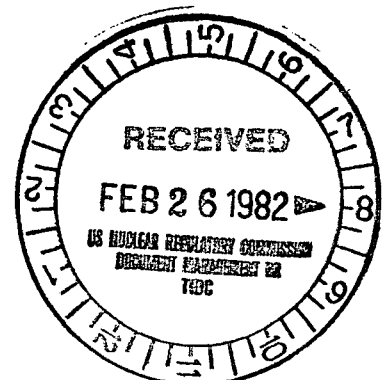
Original signed by:
S. A. Varga

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosure:
As stated

cc: See next page

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Mr. Eugene R. Mathews
Wisconsin Public Service Corporation

cc: Steven E. Keane, Esquire
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KEWAUNEE NUCLEAR POWER PLANT
DOCKET NO. 50-305

REQUEST FOR ADDITIONAL INFORMATION ON SEISMIC
QUALIFICATION OF THE AUXILIARY FEEDWATER SYSTEM

KEWAUNEE NUCLEAR PLANT

Question 1 Provide a schematic sketch of the auxiliary feedwater (AFW) system from suction to discharge, including the following:

- (a) Water source(s), heat sink, piping and all major mechanical equipment.
- (b) Connected branch piping up to and including the second valve which is normally closed or capable of automatic closure when safety function is required.
- (c) Any branch line outside the AFW system boundary to a point of three orthogonal restraints if any portion of the branch line is structurally coupled to the AFW system boundary such that the seismic response of the branch line transmits loads to the AFW system.
- (d) All structures supporting or housing the AFW system components.

Identify any connected branch piping associated with the AFW system that does not fully meet the boundary requirements as specified in items (b) and (c) above. Indicate the Seismic Category 1 items and boundaries on the sketch. Justify the acceptability of any deviations.