

DEC 16 1982

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Docket No. 50-305

Mr. C. W. Giesler, Vice President
Nuclear Power
Wisconsin Public Service Corporation (WPSC)
Post Office Box 1200
Green Bay, Wisconsin 54305

Dear Mr. Giesler:

SUBJECT: KEWAUNEE NUCLEAR POWER PLANT - SAFETY EVALUATION INPUT ON THE
IMPLEMENTATION OF RECOMMENDATIONS FOR THE AUXILIARY FEEDWATER
SYSTEMS

The review of the auxiliary feedwater system (AFWS) reliability evaluation for Kewaunee by the staff of the NRC has progressed to the point that we are able to issue a Safety Evaluation (SE) with several open items consisting of items for which you have provided unacceptable responses. This SE input is part of Task Action Plan (TAP) Item I.E.1.1.

By letter dated September 12, 1979, we forwarded our requirements regarding the Kewaunee auxiliary feedwater system. The requirements were the same as the generic and plant specific recommendations put forth for the Kewaunee Plant in NUREG-0611. You responded to these recommendations by letter dated October 30, 1979. These responses were inadequate and we issued our positions regarding the responses by a letter dated August 18, 1980. We received the responses to our positions by letters dated October 17, 1980 and August 14, 1981. This SE input resulted from our review of these responses. The following items are open.

Recommendation GS-2 and GL 2 - The licensee has not committed to lock open the series isolation valves between the condensate storage tank and the AFW pump suction. Nor has he committed to a long term resolution of our concern that a single mispositioned valve could permanently disable the entire AFW system.

Additional Short Term Recommendation 1 - The licensee has not committed to provide redundant level indication and low level alarms for the primary water supply to the AFW system.

Additional Short Term Recommendation 2 - The licensee has not committed to run endurance tests on the AFW system pumps.

Recommendation GL-4 - The licensee has not provided a response to this recommendation.

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DEC 16 1982

Mr. C. W. Giesler

- 2 -

The Safety Evaluation resulting from our review of your submittals, is enclosed for your information.

To enable implementation of the requirements of the NUREG-0737 Task Action Plan II.E.1.1 we request that you respond to the recommendations and requirements for information in the enclosed SE, as identified above, within a period of 90 days.

Sincerely,

Original signed by:
S. A. Varga

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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| DATE | 12/16/82 | 12/16/82 | | | | | |

Mr. C. W. Giesler
Wisconsin Public Service Corporation

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