

JAN 31 1983

Docket No. 50-305

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

Dear Mr. Giesler:

The staff and our consultant, Franklin Research Center, have completed our review of your analysis of a main steam line break with continued feedwater addition for the Kewaunee Nuclear Power Plant. Your submittals dated May 7, 1980 and September 17, 1982 on this subject were in response to IE Bulletin 80-04 issued February 8, 1980. Based on our review, we conclude that your analysis is acceptable. However, the ability of the AFW pumps to remain undamaged after extended operation at runout flow has not been determined. Please provide this information within 30 days of the receipt of this letter. Our Safety Evaluation is enclosed.

Sincerely,

Original signed by:
S. A. Varga

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

Enclosure:
As stated

cc w/enclosure:
See next page

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Mr. C. W. Giesler
Wisconsin Public Service Corporation

cc: Steven E. Keane, Esquire
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Stanley LaCrosse, Chairman
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