

Docket file

11/20/73

Docket No. 50-305

Wisconsin Public Service Corporation
ATTN: Mr. E. W. James
Senior Vice President
P. O. Box 1200
Green Bay, Wisconsin 54305

Gentlemen:

We have completed our evaluation of the design changes and design analyses of the main steam check and isolation valves for the Kewaunee Nuclear Power Plant, as presented in Amendment 32 to the FSAR, including reports P10-02-03 and P10-01-06, and as supplemented by the information submitted by your letter of November 7, 1973. The proposed design changes for the Kewaunee plant in light of deficiencies experienced with this swing-disc type of valve in other PWR plants were discussed in our meetings with you on August 1, 1973 and September 28, 1973.

Based on our evaluation, we have concluded that the modified main steam check and isolation valve assemblies are acceptable for rated power operation of 1650 megawatts thermal during the first fuel cycle. The modified design, including use of 410 stainless steel for the disc, has incorporated those changes designed to eliminate deficiencies experienced in other PWR plants for similar valves fabricated by the same vendor. Added confirmation that the valves will perform their accident function for the Kewaunee plant will be obtained by inspections of the valves following hot functional tests and following closures of the valves with steam flow greater than 50% of rated flow. At least one of these closures and a subsequent inspection should be performed during initial startup tests.

Sincerely,

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Karl Kniel, Chief
Pressurized Water Reactors
Branch No. 2
Directorate of Licensing

PWR-2 Reading
ccs: Listed on Page 2

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DATE	11/19/73	11/20/73	11/19/73		

APP
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Wisconsin Public Service Corporation

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cc:

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