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 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305
 AUTH. NAME: GIESLER, C.W. AUTHOR AFFILIATION: Wisconsin Public Service Corp.
 RECIPIENT NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Forwards "Kewaunee Nuclear Power Plant Safety & Relief
 Valves Piping Qualification Rept" as plant-specific response
 to NUREG-0737, Item II.D.1.A. Resolution of stress on safety
 valve piping exceeding code limits delayed until 821001.

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WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

July 12, 1982

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Eisenhut:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
NUREG 0737, Item 11.D.1.A
Safety and Relief Valve Evaluation

- References: (1) Letter dated April 1, 1982 to D. G. Eisenhut (NRC) from
E. R. Mathews (WPS)
(2) Letter dated June 25, 1982 to D. G. Eisenhut (NRC) from
C. W. Giesler (WPS)

Reference (1) transmitted the preliminary report information provided as output from the Electric Power Research Institute (EPRI) on the generic testing of PWR safety and relief valves. In that submittal we stated the Kewaunee Plant specific analysis was in progress and anticipated a final report consistent with the July 1, 1982 submittal date established by the NRC. Reference (2) revised our submittal date consistent with this transmittal.

As we had previously informed you, the results of preliminary piping analysis revealed stresses on the safety valve piping which exceeded code allowable limits. We had anticipated that a final resolution to this problem, along with a schedule for implementation, could be submitted to you at this time. Due to the varied nature of several alternatives and the resulting secondary impacts on plant operation (e.g. draining safety valve loop seals) the several alternatives need further review. We propose an action plan (detailed in Section 9 of the Kewaunee Nuclear Power Plant Safety and Relief Valves Piping Qualification Report transmitted by this letter) to analyze the alternatives and identify a resolution by October 1, 1982 followed by a complete design and analysis of the selected resolution by April 1, 1983. As we believe the stresses identified in the Kewaunee Plant may be similar to other plants of common design, we will continue to exchange information and experience with other utility owners to resolve any identified generic problems.

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Mr. Darrell G. Eisenhut
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Please find enclosed two reports entitled:

- 1) Kewaunee Nuclear Power Plant Safety and Relief Valves Piping Qualification Report, issued June 28, 1982.
- 2) Kewaunee Nuclear Power Plant Safety and Relief Valves Qualification Report, issued June 25, 1982.

These reports meet the report requirements of the referenced NUREG 0737 item; however, the results of the analyses dictates the action commitments identified above.

Very truly yours,



C. W. Giesler
Vice President - Nuclear Power

js

Enc.

cc - Mr. Robert Nelson, US NRC