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AUTH.NAME AUTHOR AFFILIATION
GIESLER,C.W. Wisconsin Public Service Corp.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director
VARGA,S.A. Operating Reactors Branch 1

SUBJECT: Advises that evaluation of Unresolved Safety Issue A-2, "Assymetric Blowdown Loads on Reactor Primary Coolant Sys," will be completed y 840901.Util will notify NRC on by 840915 of preferred method of resolution.

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WISCONSIN PUBLIC SERVICE CORPORATION

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

June 18, 1984

Dr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention Mr. S. A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Unresolved Safety Issue A-2; Assymetric Blowdown Loads on Reactor Primary Coolant Systems

References: 1. Letter from D. G. Eisenhut (NRC) to All Operating PWR Licensees, et al, dated February 1, 1984 (Generic Letter 84-04)
2. Letter from E. R. Mathews (WPSC) to D. G. Eisenhut (WPSC) dated April 10, 1980.

Mr. Eisenhut's letter of February 1, 1984 informed licensees that the staff had approved the methodology proposed by the Westinghouse A-2 Owners Group as an acceptable resolution to Unresolved Safety Issue A-2. This methodology is a "mechanistic evaluation" of postulated pipe ruptures in reactor coolant system piping.

As you know, this issue has been under study for some time, and was interrupted by the regulatory activity that took place following the accident at Three Mile Island, unit 2. We understand that there is now renewed interest in resolving this issue for all licensees.

WPSC's Kewaunee Nuclear Plant was not a member of the A-2 Owners Group, choosing instead to install pipe restraints on the reactor coolant loop piping (reference 2). Based on your letter of February 1, 1984, however, we are reevaluating our decision to determine the benefits of the mechanistic evaluation approach. At

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this time we believe there may be substantial benefits to using this approach for both WPSC and NRC. We expect to be finished with this evaluation by September 1, 1984, and will apprise you by September 15, 1984 of our proposed method of resolution and schedule on this issue.

Very truly yours,

Charles A. Schrock for

Carl W. Giesler
Vice President - Power Production

CAS/js

cc - Mr. Robert Nelson, US NRC
Mr. S. A. Varga, US NRC