

Central Mail

WISCONSIN PUBLIC SERVICE CORPORATION



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

December 23, 1977

Mr. J. G. Keppler, Regional Director
Office of Inspection & Enforcement
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler:

SUBJECT: Docket 50-305
Operating License DPR-43
IE Bulletin No. 77-04

The adequacy of the Kewaunee Nuclear Power Plant caustic additive system for control of post LOCA containment sump pH has been evaluated as requested by the subject IE Bulletin. The design basis for this system, as specified in the Final Safety Analysis Report, is that the pH of the post LOCA containment sump solution will be above 7.0. It has been verified that the specified caustic additive system Technical Specifications are sufficient for all operating conditions possible for normal plant operations as permitted by technical specifications and will maintain containment sump post LOCA pH values greater than 7.0. In addition, the Kewaunee Plant caustic additive system permits addition of more caustic if necessary for pH control based on analysis of post LOCA containment sump samples.

Based on our findings, the Kewaunee Nuclear Power Plant caustic additive system is adequate to control post LOCA containment sump pH above 7.0 for all allowable operating conditions. No further action on this matter is necessary.

Very truly yours,

A handwritten signature in cursive script, appearing to read "E. W. James".

E. W. James
Senior Vice President
Power Supply & Engineering

EWJ:sna

cc - Dir, Office of Inspection & Enforcement
US NRC, Washington, D. C. 20555

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