



Wisconsin Electric POWER COMPANY
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September 20, 1984

Mr. H. R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Attention: Mr. J. R. Miller, Chief
Operating Reactors, Branch 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-301
EVALUATION OF ANKER-HOLTH HYDRAULIC SNUBBERS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Our letter of August 24, 1984 provided confirmation of our receipt of a letter written by Mr. John McCabe of Paul-Munroe Energy Products to the Director, Office of Inspection and Enforcement, dated August 10, 1984 which described the existence of potential defects in Anker-Holth large bore snubbers. Confirmation of receipt of the Paul-Munroe to NRC letter was also made by telephone calls between Mr. R. D. Seizert of Wisconsin Electric and Mr. C. Trammel of NRC on August 23, 1984 and Mr. C. W. Krause of Wisconsin Electric and Mr. T. Colburn, the Point Beach NRC Project Manager, on August 24, 1984. The purpose of this letter is to provide you with the summary of our evaluation of the information provided by Paul-Munroe relative to our Anker-Holth large-bore hydraulic snubbers which are located on our steam generator restraints (500 KIP) and main steam lines (800 KIP).

After conducting a finite element stress analysis to calculate the required yield strengths for snubber materials, Paul-Munroe determined that at rated load conditions the necessary material strengths for the blind-end cover member material of the 800 KIP and 500 KIP snubbers and the piston rod eye member material of the 500 KIP snubbers exceed the yield strengths of the materials used in the fabrication of the snubbers. Therefore, the potential for plastic deformation of these materials at rated loading could cause failure of the spherical bearing or the bearing housing which could result in failure of the snubber to perform its designed safety-related function.

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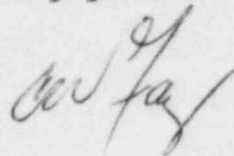
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We performed an engineering evaluation of the information provided by Paul-Munroe to determine whether the operability of Point Beach safety-related 500 KIP and 800 KIP snubbers was affected. Based on a review of the calculated design loads these snubbers are subjected to as a result of main steam line breaks and seismic events, it was determined that the large-bore steam generator and main steam line safety-related snubbers at Point Beach Nuclear Plant are operable and would perform their safety-related function.

We have, however, decided to procure replacement parts for the steam generator restraint snubbers. We expect that the replacement parts will be installed during the first outage following their receipt.

Please contact us if you have any questions.

Very truly yours,



Vice President-Nuclear Power

C. W. Fay

Copy to NRC Resident Inspector