

WISCONSIN PUBLIC SERVICE CORPORATION



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

January 6, 1984

Director, Office of Nuclear Reactor Regulation
Attention: Mr. D. 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
Fast Cold Starts of Diesel Generators (Generic Letter 83-41)

The following discussion provides our response addressing the concerns of each item identified in Generic Letter 83-41.

Item 1

How many times in the past year (December 1, 1982 to December 1, 1983) have your emergency diesel generators been subjected to a fast cold start (without pre-lubrication and warmup of any moving parts of the diesel generators)? Provide your data on a per machine basis, for each of the following three categories: (a) surveillance testing, (b) maintenance activities, and (c) actual demands.

Response

The diesel generators at the Kewaunee Nuclear Plant are equipped with a continuous lubrication system. This system provides warm lube oil to main engine bearings at all times. This continuous lubrication system was supplied with the diesel generators as part of the original purchase order. Therefore, this item is not applicable.

Item 2

What is your assessment of the effects of frequent fast cold starts on diesel generator reliability and availability? Do you believe that they significantly degrade reliability and availability?

8401100427 840106
PDR ADOCK 05000305
P PDR

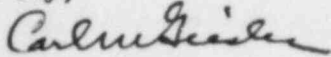
Adol
1/0

Mr. D. G. Eisenhut
January 6, 1984
Page 2

Response

In our opinion, frequent fast cold starts of diesel generators reduce the reliability and availability of diesel generators. As to what extent reliability and availability are affected, we do not know.

Sincerely,



C. W. Giesler
Vice President - Nuclear Power

DJM/js

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