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 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305
 AUTH. NAME: MATHEWS, E.R. AUTHOR AFFILIATION: Wisconsin Public Service Corp.
 RECIP. NAME: VARGA, S.A. RECIPIENT AFFILIATION: Operating Reactors Branch 1

SUBJECT: Confirms 820322 telcon w/NRC re environ qualification of safety-related electric equipment. Existing RHR pump pit fan motors will be replaced upon receipt of permanent motors.

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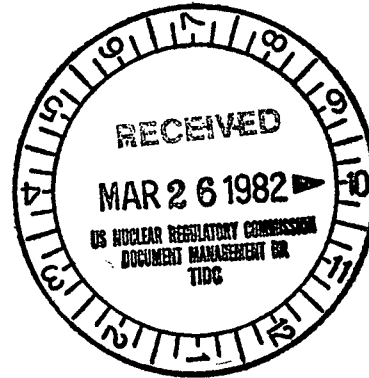
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WISCONSIN PUBLIC SERVICE CORPORATION

Public Service

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



March 23, 1982

Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Varga:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Environmental Qualification of Safety-Related Electric Equipment

Reference: Letter from E R Mathews (WPSC) to S A Varga (NRC) dated
February 26, 1982

This letter will confirm the telephone conversation between yourself and
Mr C A Schrock of Wisconsin Public Service Corporation on March 22, 1982.

WPSC has recently been notified by the pump manufacturer of a delay in delivery
of the RHR pump pit fan coil unit temporary motors discussed in the referenced
letter. These motors are now scheduled for shipment about April 2, 1982, which
may not allow sufficient time before the April 11, 1982, refueling outage for
installation of them prior to the outage as originally intended.

Our previous plan was to replace the existing motors with temporary ones
qualified to the high radiation levels experienced with a large break LOCA.
This was to be accomplished prior to the outage since the RHR pumps are operated
to remove decay heat during shutdown. These pumps require pump pit area cooling
during this period of plant operation. The longer lead time permanent fan motors
could then be installed after the outage.

Our plan now is to leave the existing fan motors installed until the permanent
motors arrive (est. June 4, 1982) and replace them as soon as practical upon
receipt. If delivery of the permanent motors is delayed, the temporary motors
will be installed prior to the June 30, 1982, deadline to meet our commitment
to you.

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Mr. Steven A. Varga
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The existing fan motors are of a high industrial quality with a high probability that they have adequate radiation tolerance. However, as noted in the referenced letter, our attempts to document this have failed, since we cannot obtain a materials list for these motors. We feel that the high likelihood of significant radiation tolerance coupled with the conservative calculated radiation values, plus the temperature withstand capabilities of the RHR pump motors, represent a low probability of the loss of the RHR function. Therefore, since the probability of a LOCA is very low, there exists adequate justification that operation of the Kewaunee Nuclear Power Plant can continue without undue risk to the health and safety of the public.

Very truly yours,



E. R. Mathews, Senior Vice President
Power Supply & Engineering

snf

cc - Mr. Robert Nelson, US NRC