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SUBJECT: LTR 1 ENCL 0

RESPONSE TO NRC REQUEST FOR INFO. CONCERNING THE REACTOR CAVITY
ANNULUS SEAL RING & BIOLOGICAL SHIELDING.

PLANT NAME: KEWAUNEE

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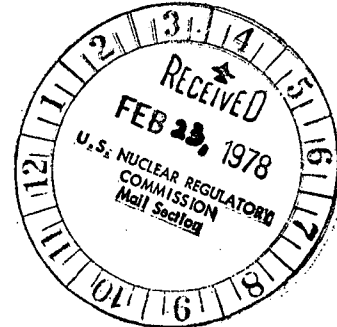
WISCONSIN PUBLIC SERVICE CORPORATION

Public Service

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

February 20, 1978

Mr. Victor Stello, Jr., Director
Division of Operating Reactors
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Sir:

Docket 50-305
Operating License DPR-43
Letter to all PWR Licensees from
Mr. Victor Stello, Jr. dated February 2, 1978

The referenced letter requested information in regard to the Kewaunee Plant's reactor cavity annulus seal ring and biological shielding.

A description of the reactor vessel seal ring is included in the FSAR on page 9.5-5, which states:


"The reactor vessel flange is sealed at the bottom of the reactor refueling cavity by an elastomeric seal ring which prevents leakage of refueling water from the refueling cavity. This seal is installed after reactor cooldown but prior to flooding the cavity for refueling operations."

Figure 9.5-1 of the FSAR provides clarification as to the type of seal employed at the Kewaunee Plant.

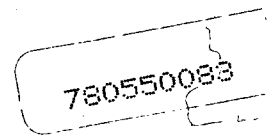
As indicated in the FSAR, the reactor cavity seal ring is designed to be removed except for refueling periods.

No additional biological shielding is assembled on the refueling pool floor about the reactor vessel head at the Kewaunee Plant during plant operation.

Very truly yours,


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

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A001/s *
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