

50-305

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DESCRIPTION

LTR TRANS THE FOLLOWING.....

DISTRIBUTION: PER S. SHEPPARD.....6-30-76

PLANT NAME: **Kewaunee**

ENCLOSURE

KEWAUNEE NUCLEAR POWER PLANT CYCLE II PHYSICS
TEST RESULTS 1976.....DTD MAY 76.....

1 pg 35 pg

SAFETY

FOR ACTION/INFORMATION

ENVIRO

7-1-76 RR

ASSIGNED AD:		ASSIGNED AD:
<input checked="" type="checkbox"/> BRANCH CHIEF:	Schwencer	BRANCH CHIEF:
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EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: Kewaunee, WI..	NAT LAB:	BROOKHAVEN NAT LAB
TIC:	REG. VIE	ULRIKSON (ORNL)
NSIC:	LA PDR	
ASLB:	CONSULTANTS	
ACRS 16 CYS HOLDING (SENT TO C.A.)		

6378

WISCONSIN PUBLIC SERVICE CORPORATION



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

Regulatory Docket File

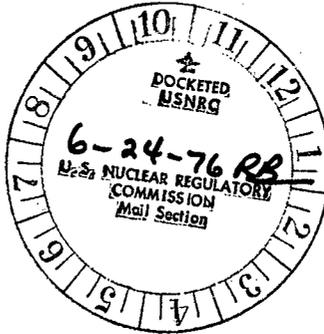
June 22, 1976

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

ATTN: Mr. Al Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Gentlemen:

REF: Docket 50-305
Operating License DPR-43
"Reload Analysis and Safety Evaluation for
Cycle 2 Core 2B" transmitted March 5, 1976



Enclosed are twenty-five (25) copies of the Kewaunee Nuclear Power Plant's Cycle 2 Physics Test Results, 1976. The report includes a summary of the physics tests performed, the results of these tests and a comparison to the predicted core parameters presented in the referenced report.

The enclosed report documents the requirement of Technical Specification 3.10m (1) which requires beginning of life control rod worth measurements to be performed. This report is also submitted with the intention of satisfying the requirements of Technical Specification 3.10m (2) which requires a monthly submittal of incore power distribution measurements. The report covers the first 30 days of operation which includes zero power physics testing and power escalation. Boron depletion versus core burnup data was not provided in the report because there was not a significant amount of burnup in core life to collect meaningful data. The second monthly submittal will contain boron depletion data, the conclusion of power escalation incore power distribution measurements and power distribution measurements for every 15 days of power operation.

Very truly yours,

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

EWJ:sna
Enc.

- cc - Director, Office of Management Information & Program Control, US NRC (2 copies)
- Mr. J. G. Keppler, Dir - Region III
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