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 AUTH.NAME AUTHOR AFFILIATION
 SCHROCK,C.A. Wisconsin Public Service Corp. *See Report*
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards "Reload Safety Evaluation,Cycle 20." Evaluation
 has shown that Cycle 20 core design more conservative than
 design used in util accident analysis.Cycle 20 reload design
 does not create any USQs.

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 TITLE: Startup Report/Refueling Report (per Tech Specs)

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600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

February 18, 1994

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Cycle 20 Reload Safety Evaluation

This letter transmits 3 copies of the Reload Safety Evaluation for the Kewaunee Cycle 20 reload core. Our evaluation has shown that the Cycle 20 core design is more conservative than the design used in our accident analysis. Therefore, the Cycle 20 reload design does not create an unreviewed safety question, and we are proceeding with the reload in accordance with the provisions of 10 CFR 50.59(a)(1).

For your information, the Cycle 19-20 refueling outage is presently scheduled to begin April 1, 1994; and the Cycle 20 startup testing is scheduled to begin approximately May 6, 1994.

Sincerely,

A handwritten signature in cursive script, appearing to read "C. A. Schrock".

C. A. Schrock
Manager - Nuclear Engineering

BJD/cjt

Enc.

220074

cc - US NRC Senior Resident Inspector
US NRC, Region III

Handwritten initials "IE26" with two vertical lines below them.

LIC\NRC\CYCLE-RE.WP

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PDR ADDCK 05000305
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