

Docket Nos.: 50-315
and 50-316

MAR 27 1987

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
c/o American Electric Power Service Corporation
1 Riverside Plaza
Columbus, Ohio 43216

Dear Mr. Dolan:

By letters dated January 22, 1986 and February 27, 1987, the Indiana and Michigan Electric Company submitted information on the reactor vessel materials properties and analyses on the protection against pressurized thermal shock for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2. We have completed our review of the information and analysis, and our Safety Evaluation is enclosed.

In view of:

- (a) the Pressure-Temperature updating requirements for the fracture toughness of the beltline material in 10 CFR 50 Appendix G, and
- (b) the fact that the RT_{PTS} value is readily available from the calculation of the Pressure-Temperature limits, and
- (c) the staff desires to be informed on the current value of the RT_{PTS} for all PWRs,

we request that IMEC submit a re-evaluation of the RT_{PTS} and a comparison to the prediction of Reference 1 along with the future Pressure-Temperature operating limits which are required by 10 CFR 50 Appendix G. It should be noted that this re-evaluation is a requirement by 10 CFR 50.61, whenever core loadings, surveillance measurements, or other information indicate a significant change in projected values.

This request for information is covered under OMB clearance No. 3150-0011.

Sincerely,

151
B. J. Youngblood, Director
PWR Project Directorate #4
Division of PWR Licensing-A

Enclosure: As stated

cc: See next page

DISTRIBUTION: See next page

* SEE PREVIOUS CONCURRENCE

PWR#4/DPWR-A
DWigginton/mac
03/ /87

PWR#4/DPWR-A
*MDuncan
03/27/87

PWR#4/DPWR-A
BJYoungblood
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DISTRIBUTION:

Docket File

NRC PDR

Local PDR

PRC System

PWR#4 Reading

MDuncan

DWigginton

BJYoungblood Reading

OGC-Bethesda

ACRS (10)

JPartlow

BGrimes

EJordan

NThompson



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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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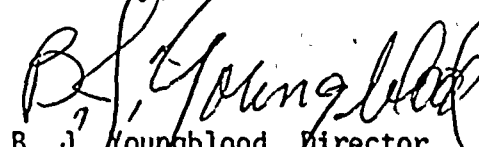
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B. J. Youngblood, Director
PWR Project Directorate #4
Division of PWR Licensing-A

Enclosure: As stated

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Mr. John Dolan
Indiana and Michigan Electric Company

Donald C. Cook Nuclear Plant

cc:

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