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ALEXICH,M.P. Indiana & Michigan Electric Co.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Informs that Exxon Nuclear Co 851003 XN-NF-85-68(P), "DC Cook Unit 2 Limiting Break LOCA/ECCS Analysis..." & listed submittals Constitute basis for Cycle 6 reload licensing.

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INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631
COLUMBUS, OHIO 43216

October 8, 1985
AEP:NRC:0916H

Donald C. Cook Nuclear Plant Unit No. 2
Docket No. 50-316
License No. DPR-74
"Donald C. Cook Unit 2 Limiting Break LOCA/ECCS Analysis, 10% Steam Generator Tube Plugging, and K(z) Curve," XN-NF-85-68(P)

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

On October 3, 1985, the Exxon Nuclear Company (ENC), our reload fuel vendor for Donald C. Cook Nuclear Plant Unit 2, transmitted via letter (No. RAC:067:85) report XN-NF-85-68(P) entitled, "Donald C. Cook Unit 2 Limiting Break LOCA/ECCS Analysis, 10% Steam Generator Tube Plugging, and K(z) Curve." This report documents the result of a LOCA/ECCS analysis to support operation of D.C. Cook Unit 2, Cycle 6 and future cycles, at a thermal power rating of 3425 MWt, with up to 10 percent of steam generator tubes plugged.

This information will be reviewed by the Plant Nuclear Safety Review Committee (PNSRC) and the Nuclear Safety and Design Review Committee (NSDRC) at their next regularly scheduled meeting.

In addition, as discussed with your staff, the following documents have been or will be submitted:

1) "Exxon Nuclear Methodology for Pressurized Water Reactors: Analysis of Chapter 15 Events-Appendix C-Westinghouse Four-Loop Plants," XN-NF-84-73(P), (submitted via ENC letter no. RAC:058:85 dated August 27, 1985 and noted in IMECo. letter AEP:NRC:0916B dated September 18, 1985);

2) "D. C. Cook Unit 2, Cycle 6, Safety Analysis Report: Disposition of Standard Review Plan Chapter 15 Events," XN-NF-85-28(P) (to be submitted);

3) "Plant Transient Analysis for D. C. Cook Unit 2 with 10% Steam Generator Tube Plugging," XN-NF-85-64 (to be submitted); and

4) Technical Specification changes which result from the LOCA/ECCS analysis, Disposition of Standard Review Plan Chapter 15 Events, and the Plant Transient Analysis (to be submitted).

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The above submissions constitute the basis for the D. C. Cook Unit 2, Cycle 6 reload licensing.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

M. P. Alexich
Vice President

KWN 10-8-85

ad

cc: John E. Dolan
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Bruchmann
G. Charnoff
NRC Resident Inspector - Bridgman
G. Ward, Exxon Nuclear Company, Richland, WA