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FACIL:50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
AUTH.NAME AUTHOR AFFILIATION
ALEXICH,M.P. Indiana & Michigan Electric Co.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Advises that "PTSPWR2 Code Mod Rept," PTSPWR2 Benchmarking Rept" & "Generic Methodology & Applications Document" transmitted by Exxon Nuclear Corp 840829 ltrs,satisfying Cycle 5 SER requirements.

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INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631
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August 30, 1984
AEP:NRC:0860S

Donald C. Cook Nuclear Plant Unit No. 2
Docket No. 50-316
License No. DPR-74
PLANT TRANSIENT ANALYSES

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

Dear Mr. Denton:

Please be advised that Mr. J.C. Chandler of Exxon Nuclear Company (ENC) will have transmitted to Dr. Cecil O. Thomas of your staff by separate cover (ENC letters JCC:119:84, dated August 29, 1984, and JCC:121:84, dated August 31, 1984) the following reports:

1. PTSPWR2 Code Modification Report (XN-74-5 (P), Revision 2 Supplement 4)

2. PTSPWR2 Benchmarking Report (XN-74-5 (P) Revision 2, Supplement 5)

3. Generic Methodology and Applications Document (XN-NF-84-73 (P))

As per discussions with your staff, we believe that submission of these reports by ENC satisfies the Cycle 5 SER requirement that "... Indiana & Michigan Electric Company provide the necessary information needed for the staff to complete its review of PTSPWR2 by September 1, 1984..."

Since comments from the NRC staff had to be incorporated in the final version, we will not have the opportunity to review the formal reports (Items 2 and 3) prior to ENC's transmittal of the reports to you. Nevertheless, our staff has been in constant communication with ENC and are in general concurrence with the information contained in them. Once we receive the final version, we will again review the reports (Items 2 & 3). Any comments generated as a result of this review will be transmitted to ENC, and items affecting the Donald C. Cook Nuclear Plant will be resolved in conjunction with the development of the four-loop methodology.



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It should be noted that the Methodology and Applications Report addresses a three-loop plant. This was discussed with your staff with the understanding that ENC will initiate preparation of Appendix C four-loop methodology once formal comments from the NRC staff are received on the three-loop methodology. This subject was addressed in our letter AEP:NRC:0860R, dated August 20, 1984.

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 HRS 8/30/84
Vice President

/bjs

cc: John E. Dolan
W.G. Smith, Jr. - Bridgman
R.C. Callen
G. Charnoff
E.R. Swanson, NRC Resident Inspector - Bridgman