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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: Notices of plans to submit listed documents re PTSPWR2 code
 & ENC transient analysis methodology by 840831, re 840601.
 ltr. App C for four-loop methodology will be initiated
 following NRC comments re three-loop methodology.

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INDIANA & MICHIGAN ELECTRIC COMPANY

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August 20, 1984

AEP:NRC:0860R

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:

As mentioned in our letter, AEP:NRC:0860N dated June 1, 1984, Exxon Nuclear Company (ENC) will be transmitting to you by August 31, 1984 the following documents that will enable the NRC staff to review the PTSPWR2 code and ENC transient analysis methodology:

1. PTSPWR2 Code Modification Report
2. PTSPWR2 Code Benchmarking Report
3. Generic methodology and applications document

The third report describes the Exxon Nuclear Company generic methodology for the analysis of events for PWR safety analysis which was developed in accordance with the guidelines of the Standard Review Plan and Regulatory Guide 1.70. As per discussions with your staff, it will contain Appendix B (Event Specific Analytical Methodology for Westinghouse three-loop design). Once comments from the NRC staff are received on the three-loop methodology, ENC will initiate preparation of Appendix C for four-loop methodology. The four-loop methodology is expected to be similar to the three-loop methodology.

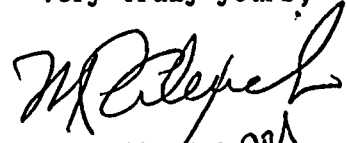
The plant specific analyses using the PTSPWR2 code will be provided within 90 days after our receipt of NRC written acceptance of the PTSPWR2 code for D.C. Cook 2 application.

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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 *9/15*
Vice President *8/20/84*

MPA/bjs

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

10/1/54

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1. The first part of the report is a summary of the work done during the past year. It includes a list of the projects completed and a brief description of the results obtained. The second part of the report is a detailed account of the work done on the project during the past year. It includes a description of the methods used, the results obtained, and a discussion of the significance of the results.

2. The second part of the report is a detailed account of the work done on the project during the past year. It includes a description of the methods used, the results obtained, and a discussion of the significance of the results.

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3. The third part of the report is a detailed account of the work done on the project during the past year. It includes a description of the methods used, the results obtained, and a discussion of the significance of the results.

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