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

SUBJECT: Confirms understanding that reanalyses for Cycle 5 not required, as PTSPWR2 code & analysis methodology still being reviewed. Evaluation by Exxon Nuclear Co concluded that mods would have no significant effect on Cycle 5 analysis.

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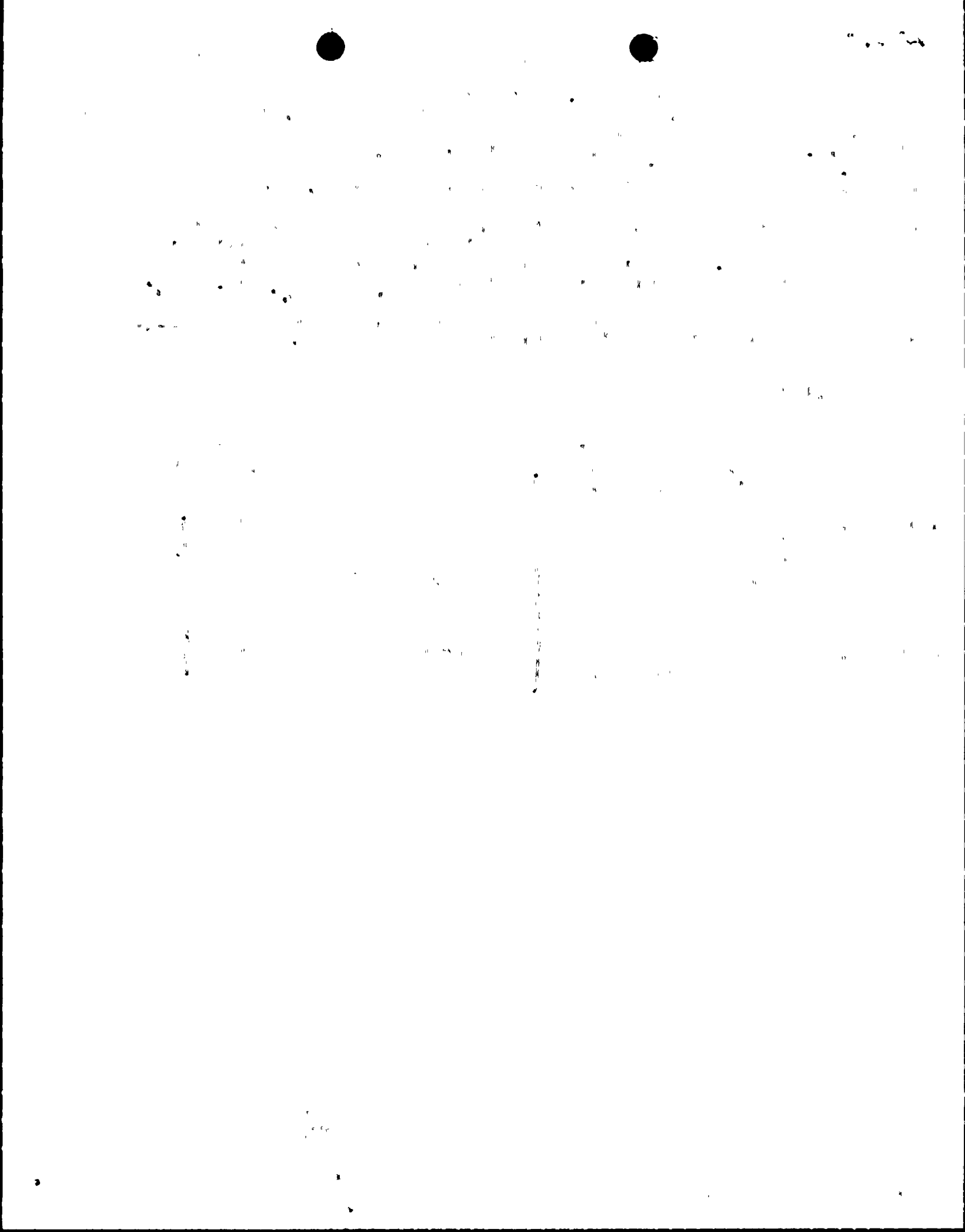
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# INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631  
COLUMBUS, OHIO 43216

January 25, 1985  
AEP:NRC: 0860W

Donald C. Cook Nuclear Plant Unit No. 2  
Docket No. 50-316  
License No. DPR-74  
UNIT 2, CYCLE 5 TRANSIENT ANALYSES

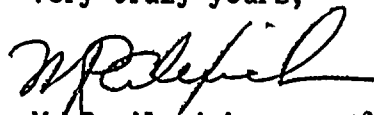
Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Denton:

In accordance with the Unit 2, Cycle 5 Safety Evaluation Report, Indiana & Michigan Electric Company was to have reanalyzed transient analyses for Cycle 5 with the approved PTSPWR2 code. Pursuant to discussions with your staff in this matter, we understand that these reanalyses for Cycle 5 will not be required since the PTSPWR2 code and the analysis methodology are still under NRC staff review and for the reasons cited in your Safety Evaluation Report (Attachment to Amendment No 64 dated June 18, 1984) regarding margin of conservatism in predicting the minimum DNBR. In addition, Exxon Nuclear Company has evaluated the recent modifications that have been made to the PTSPWR2 code in connection with the NRC's review of the code and has concluded that these code modifications would not significantly affect the outcome of the Cycle 5 safety analysis.

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,



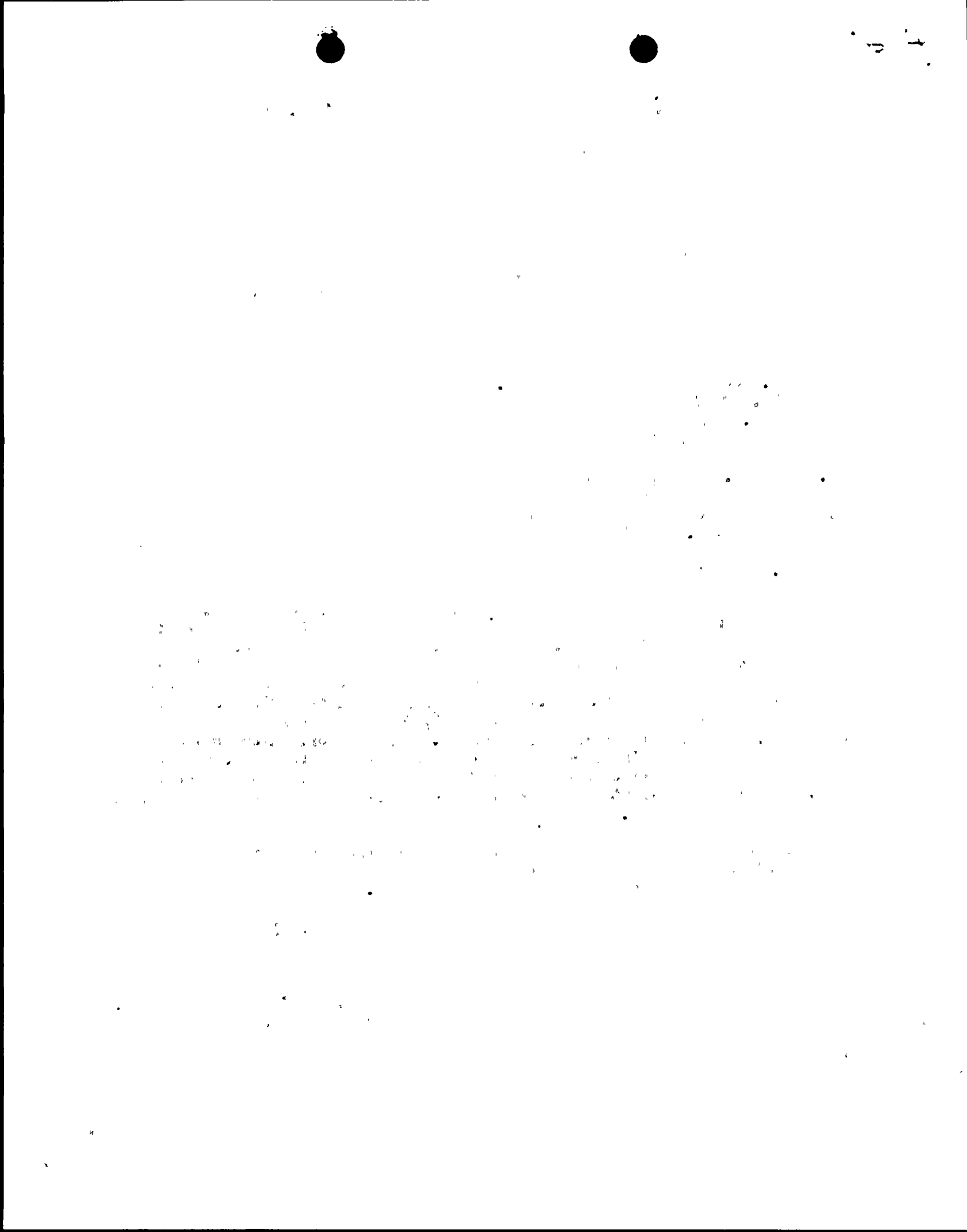
M. P. Alexich  
Vice President

*Handwritten:* MPA  
1-23-85

/tm

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*Handwritten:* A001  
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cc: John E. Dolan  
W. G. Smith, Jr. - Bridgman  
R. C. Callen  
G. Bruchmann  
G. Charnoff  
NRC Resident Inspector - Bridgman

