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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
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 RECIP. NAME: RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (pre-851125)

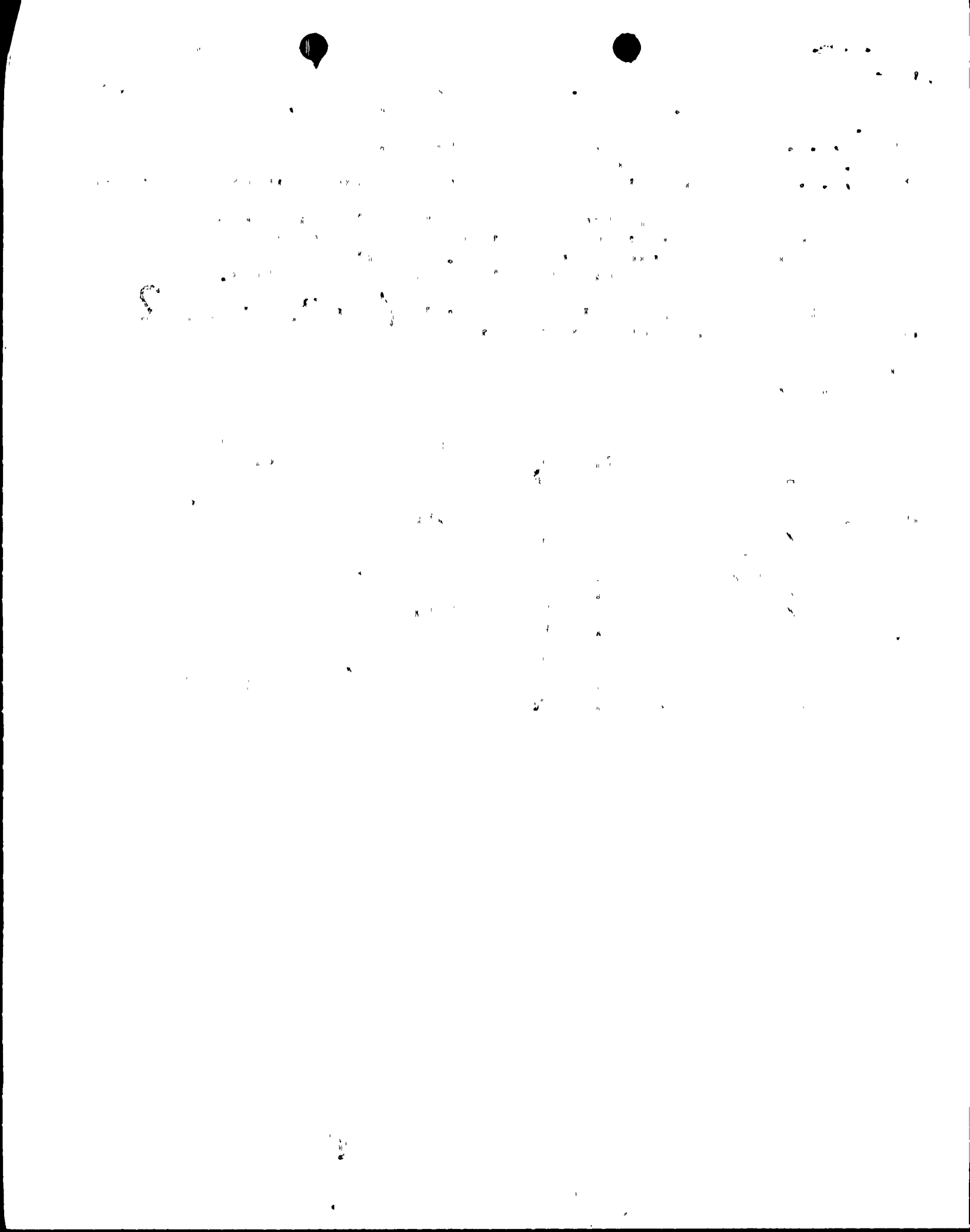
SUBJECT: Notifies that plant-related parameter values in Cycle 6 transient analysis rept submitted on 851015 reviewed by American Electric Power Svc Corp. Info will be reviewed by plant committees prior to 851231 Tech Spec submittal.

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November 15, 1985
AEP:NRC:0916C

Donald C. Cook Nuclear Plant Unit No. 2
Docket No. 50-316
License No. DPR-74
D. C. COOK UNIT 2, CYCLE 6, TRANSIENT ANALYSIS REPORT

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. R. A. Copeland of Exxon Nuclear Company (ENC) transmitted to you by separate cover (ENC letter RAC:070:85 dated November 15, 1985) the report titled "Plant Transient Analysis for D. C. Cook Unit 2 with 10% Steam Generator Tube Plugging" (XN-NF-85-64).

The analyses were performed using, among other codes, the PTSPWR2 code. The method of application is detailed in ENC report "Exxon Nuclear Methodology for PWRs: Analysis of Chapter 15 Events" [XN-NF-84-73(P)] which was transmitted to the Commission on August 27, 1985 via ENC letter RAC:058:85. In accordance with this methodology, a systematic review of each event described in the Standard Review Plan was performed in order to determine which events are most severe in terms of margin to limits. This review is described in ENC report "D. C. Cook Unit 2, Cycle 6 Safety Analysis Report: Disposition of Standard Review Plan Chapter 15 Events" [XN-NF-85-28(P)] which was transmitted to you on October 15, 1985 via ENC letter RAC:069:85.

The values used in the transient analysis which deal directly with plant-related parameters (e.g., flows, temperatures, etc.) have been reviewed by the American Electric Power Service Corporation (AEPSC) with respect to application to Donald C. Cook Nuclear Plant, Unit 2. Application to the transient related analysis was performed by Exxon Nuclear Company.


This information will be reviewed by the Plant Nuclear Safety Review Committee (PNSRC) and the Nuclear Safety and Design Review Committee (NSDRC) prior to submittal of the Technical Specification changes scheduled for December 31, 1985.

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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
Vice President
11/15/85

ad

cc: John E. Dolan
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