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 FITZPATRICK, E. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
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SUBJECT: Forwards ltr of clarification & TS re moderator temp
 coefficient measurement in response to RAI.

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August 11, 1997

AEP:NRC:1028B

Docket Nos.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2
TECHNICAL SPECIFICATION CHANGES
FOR MODERATOR TEMPERATURE COEFFICIENT MEASUREMENT
REQUEST FOR ADDITIONAL INFORMATION

This submittal revises our AEP:NRC:1028A letter, dated July 26, 1994, in accordance with your staff's request of May 1, 1997. For your convenience, this revision includes changes to reflect the approval of WCAP-13749-P-A, as well as new marked up technical specification (T/S) pages and proposed T/S pages that reflect changes made to our T/S since the original submission of AEP:NRC:1028A. The description of the proposed changes and analysis concerning significant hazards considerations submitted in our AEP:NRC:1028A letter remain valid.

Subsequent to the submission of AEP:NRC:1028A, an approved version of WCAP-13749-P-A was issued. Attachment 1 is a letter of clarification provided to the NRC by Westinghouse, dated March 18, 1997, entitled "Clarification of Individual Control Bank Worth Benchmark Criteria in WCAP-13749, 'Safety Evaluation Supporting the Conditional Exemption of the Most Negative Moderator Temperature Coefficient Measurement'." Attachment 2 contains the existing T/S pages marked to reflect proposed changes. Attachment 3 contains the proposed revised T/S pages.

In compliance with the requirements of 10 CFR 50.91(b)(1), copies of this letter and its attachments have been transmitted to Mr. J. R. Padgett of the Michigan Public Service Commission, and the Michigan Department of Public Health.

Sincerely,

E. E. Fitzpatrick
Vice President

vlb

Attachments

9708180242 970811
PDR ADDCK 05000315
P PDR

100017



SWORN TO AND SUBSCRIBED BEFORE ME

THIS 11 DAY OF August, 1997

Notary Public

My Commission Expires 2/16/2001

JANICE M. BICKERS
Notary Public, Berrien County, MI
My Commission Expires Feb. 16, 2001

100017



1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer.

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AEP:NRC:1028B

c: A. A. Blind
 A. B. Beach
 MDEQ - DW & RPD
 NRC Resident Inspector
 J. R. Padgett

ATTACHMENT 1 TO AEP:NRC:1028B

CLARIFICATION OF INDIVIDUAL CONTROL BANK WORTH
BENCHMARK CRITERIA IN WCAP-13749 "SAFETY EVALUATION
SUPPORTING THE CONDITIONAL EXEMPTION OF THE MOST
NEGATIVE MODERATOR TEMPERATURE COEFFICIENT MEASUREMENT"