

# PRIORITY 1

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 FITZPATRICK, E.      Indiana Michigan Power Co.  
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SUBJECT: Application for amends to licenses DPR-58 & DPR-78, revising  
           TS to increase limit for control rod misalignment at or  
           below 85% rated thermal power.

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February 10, 1995

AEP:NRC:1182A

Docket Nos.: 50-315  
50-316

U. S. Nuclear Regulatory Commission  
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Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2  
TECHNICAL SPECIFICATION (T/S) CHANGE REQUEST:  
ROD MISALIGNMENT REQUIREMENT FOR MOVABLE CONTROL ASSEMBLIES  
RESPONSE TO REQUEST FOR CLARIFICATION

Proposed changes to T/S 3/4.1.3 were submitted to the NRC for review and approval on January 17, 1994, via letter AEP:NRC:1182. The proposed changes increase the T/S limit for control rod misalignment at or below 85% Rated Thermal Power. The proposed changes also increase the T/S limit for control rod misalignment above 85% Rated Thermal Power if there is sufficient margin in the Heat Flux ( $F_Q(Z)$ ) and the Nuclear Enthalpy ( $F_{AH}^N$ ) Hot Channel Factors. The purpose of this letter is to clarify Technical Specification (T/S) action statements as requested by the NRR staff.

In the proposed T/S, a reduction in power to 75% Rated Thermal Power is required if one full-length rod is misaligned by more than the allowed rod misalignment. During their review of the proposed T/S, the NRR staff requested clarification on the T/S action if the misalignment is less than or equal to  $\pm 18$  steps at greater than 85% Rated Thermal Power. If the rod misalignment is less than or equal to  $\pm 18$  steps, then power reduction to only 85% Rated Thermal Power is required. Therefore, action item c.1 is modified as shown in the attachments. If the rod misalignment is greater than  $\pm 18$  steps, power reduction to 75% Rated Thermal Power is required per T/S action statement c.2.d.

This additional change to the T/S is only for clarification, therefore, an analysis concerning significant hazards consideration pursuant to 10 CFR 50.92 is not required. Attachment 1 contains the existing T/S pages marked to reflect the proposed changes. Attachment 2 contains the proposed revised T/S pages.

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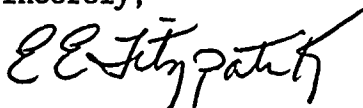
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These proposed T/S changes have been reviewed and approved by the Plant Nuclear Safety Review Committee and will be approved by the Nuclear Safety and Design Review Committee at the next regularly scheduled meeting.

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.

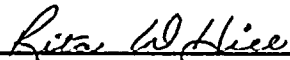
Sincerely,



E. E. Fitzpatrick  
Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 10th DAY OF February 1995

  
\_\_\_\_\_  
Notary Public

My Commission Expires: 6-28-99

eh

Attachment

cc: A. A. Blind  
G. Charnoff  
J. B. Martin - Region III  
NFEM Section Chief  
NRC Resident Inspector - Bridgman  
J. R. Padgett



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11