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 AUTH. NAME: AUTHOR AFFILIATION  
 XICH, M. P. Indiana & Michigan Electric Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 DAVIS, A. B. NRC - No Detailed Affiliation Given

SUBJECT: Responds to NRC 870227 ltr re violations noted in Insp Repts  
 50-315/87-06 & 50-316/87-06. Corrective actions: protective  
 action recommendation calculation will be computerized by  
 by modifying dose assessment program.

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# INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631  
COLUMBUS, OHIO 43216

April 13, 1987  
AEP:NRC:0965J

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74  
NRC I.E. INSPECTION REPORTS NO. 50-315/87006 (DRSS);  
AND NO. 50-316/87006 (DRSS)

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

Attention: A. B. Davis


Dear Mr. Davis:

This letter responds to your letter dated February 27, 1987, which forwarded the subject Inspection Reports of the routine safety inspection conducted by your staff at the Donald C. Cook Nuclear Plant on February 9-11, 1987. The appendix of your letter identified one exercise weakness.

As requested by your letter, attached is the response to the exercise weakness.

This letter 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

edg

Attachment

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

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PDR ADDCK 05000315  
Q PDR

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ATTACHMENT TO AEP:NRG:0965J

Identified Weakness

"Due to the short time interval between notifications to the State, PMP 2081 EPP.305, Attachment 2, "Protective Action Recommendation Worksheet" could not be completed with the attention it deserved nor is there time for recalculation to verify the accuracy of the initial calculations. During the exercise, incorrect calculations were made on the form completed at 2045 hours, resulting in a ten Rem error for the two mile thyroid dose estimate. In addition, this form was virtually unreadable. The delay in completing calculations using this form left little or no time for discussion of the PARs. Rather, the results were given to the EOF/Recovery Manager and were then transmitted to the State, without adequate discussion of PARs with respect to plant conditions, forecast meteorology, etc. (Open Item 315/87006-01; 316/87006-01) (Section 5.e)."

**RESPONSE**

Corrective Actions

The Protective Action Recommendation (PAR) calculation will be computerized. This will be accomplished by modifying the current Dose Assessment Program (DAP) to include the PAR worksheet. The PAR worksheet is currently Attachment 2 to PMP 2081 EPP.305. Computerizing the worksheet will make calculating the PAR both quicker and more accurate. This action should in turn allow time for discussion of the PAR with respect to plant conditions, forecast meteorology, etc.

Date When Corrective Actions Will Be Completed

The modification of the Dose Assessment Program to include the PAR calculation will be completed by November 30, 1987. Procedure revision and training to incorporate this change to the Dose Assessment Program into the Donald C. Cook Emergency Response will be completed by February 28, 1988.