

# INDIANA & MICHIGAN ELECTRIC COMPANY

P. O. BOX 18  
BOWLING GREEN STATION  
NEW YORK, N. Y. 10004

April 28, 1981  
AEP:NRC:0516A

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74

Mr. James G. Keppler, Regional Director  
U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region III  
Glen Ellyn, Illinois 60137

- References: (1) NRC IE Inspection Report Nos. 50-315/80-20;  
50-316/80-16 dated January 23, 1981
- (2) Submittal No. AEP:NRC:0516 dated January 23,  
1981

Dear Mr. Keppler:

This letter responds to your March 31, 1981 letter which supplemented Appendix A of Inspection Report No. 50-315/80-20 and 50-316/80-16 (Reference 2). Indiana & Michigan Electric Co. has established low and high limits for pumps tested as per ASME Section XI requirements. These limits were established according to Table IWP-3100-2, sub-note 1 which allows the owner to establish acceptable limits.

If within the 96 hour review period permitted in IWP-3220, a suction pressure is found outside these limits, the pump will be placed in the 'ALERT' status and test frequency shall be doubled until the cause of the deviation is determined and corrected (ref. IWP-3230). If within this same time period, the suction pressure is found below the established 'allowable range', the pump status will be changed to 'required action'. At this time the pump shall be declared inoperable and not returned to service until the condition has been corrected (ref. IWP-3230).



The limits were established as per IWP-3110 which requires reference values to be at points of operation readily duplicated during subsequent in-service testing. Based on this, the normal expected range of pump running and not running suction pressures for all plant conditions was used to establish the reference low and high suction pressures for each pump. An instrument error of  $\pm 2\%$  of instrument range was then added as allowed by IWP-4110, 'Quality'.

The pressure measurement instruments range on each pump was verified not to exceed four times the reference values in accordance with IWP-4111, 'Range'.

The new suction pressure ranges and their required actions have been incorporated into plant procedure 12 THP 4030 STP.222, 'ISI Pump Test Program'. The ISI Pump Test Program is now consistent with the requirements of ASME Section XI.

Very truly yours,



R. S. Hunter  
Vice President

cc: R. C. Callen  
G. Charnoff  
John E. Dolan - Columbus  
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