

INDIANA & MICHIGAN ELECTRIC COMPANY

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

February 4, 1980
AEP:NRC:00354

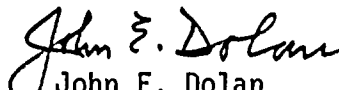
Donald C. Cook Nuclear Plant Unit 1
Docket No. 50-315
License No. DPR-58
IE Report 50-315/79-28 Deficiency

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

Dear Mr. Keppler:

This letter and its attachment respond to Mr. R. F. Heishman's letter of January 9, 1980 which we received on January 14, 1980 and which transmitted to us IE Report 50-315/79-28 for action. The attachment contains our explanation of the apparent deficiency, the actions taken to correct the non-compliance and date of full compliance.

Very truly yours,


John E. Dolan
Vice President

cc: R. C. Callen
G. Charnoff
R. S. Hunter
R. W. Jurgensen
D. V. Shaller-Bridgman

FEB 9 1980

8002250349

ATTACHMENT TO
AEP:NRC:00354
RESPONSE TO
IE REPORT 50-315/79-28

1. Deficiency Identified in Item 7 of Appendix A to I.E. Report
No. 50-315/79-28

"The inspector noted that Unit 1 Cycle 4 Physics Test Data Summary stated that the values for the differential boron worth used in the plant technical data book have been scaled up to reflect the true boron worth in the core.

Contrary to the above, the differential boron worth curves in the technical data books have not been scaled up to reflect the discrepancy between the predicted and the measured differential boron worths. This is considered to be an item of noncompliance of the deficiency level."

2. Explanation and Corrective Action Taken

After the startup of Cycle 4 of Unit 1, the Plant Nuclear Section was aware of the difference in boron worth values between calculated and actual, and developed a new Differential Boron Worth vs. Boron Concentration curve on September 1, 1979. The curve was forwarded to the Operations office for approval, issuance and use. However the new graph was misplaced and not included at the time in the Technical Data Book..

During the NRC audit subject of the I.E. Report, the discrepancy was identified. The misplaced graph was located and issued to the Technical Data Books on December 13, 1979.

To prevent the repetition of this type of event, the Operations Department Head has been reminded to direct his best effort to expeditiously process and disseminate these documents as required.