NOTICE OF VIOLATION

Indiana Michigan Power Company
D. C. Cook Nuclear Power Stations
Units 1 and 2

Docket Nos. 50-315; 50-316
License Nos. DPR-58; DPR-74

As a result of the inspection conducted on March 4 through 14, 1991, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, (1991) (Enforcement Policy) the following violation was identified:

10 CFR 50, Appendix B, Criterion III, requires that design changes be subject to design control measures commensurate with those applied to the original design. This design control includes the specifying of design bases and verifying that design through design review and testing. The control of design shall be accomplished by establishing measures to ensure proper design interface and coordination among participating organizations.

Contrary to the above, a number of design control and interface deficiencies were identified as follows:

a. System modification, RFC 2883, Revision 0, provided cooling to emergency diesel generator (EDG) room solid state instrument panels. The test guidance established by corporate design was not completely incorporated into the test procedure. Furthermore, test acceptance criteria deviations were not reported to corporate design for evaluation and calculations update.

b. System modification, RFC 2883, Revision 0, contained no acceptance criteria for monitoring differential pressure across the ventilation air filters. In addition, the licensee's established monitoring criterion was without design basis and was inconsistent with the design calculation.

c. System modification, RFC 2883, Revision 1, modified EDG room ventilation alarm logic. However, the licensee's annunciator manual was not revised to reflect the new system configuration. Furthermore, the change sheet made to address the above concern contained errors due to the lack of review by corporate design engineers.

d. Uncontrolled pressure gauges were found to have been installed on three of the four diesel engine systems. This work was accomplished without use of the licensee's modification program and showed no design control.

This is a Severity Level IV violation (Supplement I).

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Pursuant to the provision of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including: (1) the corrective steps that have been taken and the results achieved; (2) the corrective steps that will be taken to avoid further violation; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

3/29/91
Dated

M. P. Phillips, Chief
Operations Branch