

NOTICE OF VIOLATION

Indiana Michigan Power Company  
D.C. Cook

Docket Nos. 50-315; 50-316  
Licenses No. DPR-58; DPR-74

As a result of the inspection conducted on February 13-17, March 15, and April 5, 1989, and in accordance with the "General Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1989), the following violations were identified:

- I. Technical Specification 6.8.1.f for Units 1 and 2 requires that written procedures be established, implemented, and maintained covering the implementation of the fire protection program. Fire protection valve line-up verification procedure No. 12-OHP 4030.STP.120VV (Carbon Dioxide (CO<sub>2</sub>) Flow Path Verification) requires that CO<sub>2</sub> pilot valve 12-FC0-174 be in the sealed open position.

Contrary to the above, on February 15, 1989, the inspectors observed that CO<sub>2</sub> system valve No. 12-FC0-174 was open but not sealed.

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

- II. 10 CFR 50, Appendix B, Criterion III, as implemented by the D. C. Cook Operations Quality Assurance Program, requires that design control measures be provided for verifying or checking the adequacy of design. Design changes shall be subject to design control measures commensurate with those applied to the original design.

Contrary to the above, the licensee failed to ensure that adequate corporate design control measures were provided for the 1985 Appendix R design changes which relocated the Unit 1 and Unit 2 Essential Service Water (ESW) pump controls out of the opposite unit's control room onto the respective unit's Hot Shutdown Panel. This was evidenced by the failure of the design control organization to reroute the control cables for the Unit 1 East and Unit 2 West ESW pump discharge valves.

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

- III. 10 CFR 50, Appendix B, Criterion XVI, as implemented by the D. C. Cook Fire Protection Quality Assurance Program, requires that conditions adverse to quality be promptly corrected.

Contrary to the above, the improper electrical cable routing of the Essential Service Water (ESW) discharge valve control cables, which was discovered by corporate reviewers on September 15, 1988, was not promptly communicated to the cognizant plant staff or corrective actions initiated until the latter part of December 1988. As a result, more than 90 days transpired before corrective actions were initiated.

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

Pursuant to the provisions 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 for each violation: (1) the corrective actions that have been taken and the results achieved; (2) the corrective actions that will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated 4/13/89

R. W. Cooper  
R. W. Cooper, Chief  
Engineering Branch