

NOTICE OF VIOLATION

Indiana Michigan Power Company
D. C. Cook Nuclear Plant - Unit 2

Docket No. 50-316
License No. DPR-74

As a result of the inspection conducted on September 6-15, 1988, and in accordance with the "General Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1988), the following violation was identified:

- A. 10 CFR 50, Appendix B, Criterion IX requires that special processes, such as nondestructive testing, be controlled and accomplished using a qualified procedure in accordance with applicable codes and standards.

Site radiographic procedure FQP 9.4 invokes Section V of the 1983 ASME Boiler and Pressure Vessel Code including the Summer 1984 Addenda. ASME Section V, Article 1, requires that special techniques when used shall be capable of detecting code rejectable discontinuities. Articles 2 and 22 requires the direction of the central beam of radiation to be perpendicular to the recording surface (film) when performing radiography.

Contrary to the above, it was disclosed that while performing radiography of a girth weld in steam generator number 21, the source was not positioned perpendicular to the recording surface (film). Subsequent radiography performed by NRC inspectors identified Code rejectable defects in the weld that had not been identified by the licensee.

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

- B. 10 CFR 50, Appendix B, Criterion IX, requires that special processes, such as nondestructive testing, be controlled and accomplished using qualified procedures.

Site liquid penetrant procedure FQP 9.2 R12 requires that indications observed in liquid penetrant examinations are recorded and properly dispositioned. The proper disposition of linear indications that exceed code requirements is repair of the affected area.

Contrary to the above, an NRC re-examination of the liquid penetrant inspection for weld FW-4-1 on September 9, 1988, revealed two detectable, unacceptable linear indications. These indications had not been identified or dispositioned during the licensee's final code liquid penetrant examinations.

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

With respect to Item B, the inspection showed that actions had been taken to correct the identified violation and to prevent recurrence. Consequently,

no reply to the violation is required and we have no further questions regarding this matter. With respect to Item A, 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.

11/3/88
Dated

J. J. Harrison
J. J. Harrison, Chief
Engineering Branch