

Appendix A

NOTICE OF VIOLATION

The Cleveland Electric Illuminating
Company

Docket No. 50-440
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Based on the results of an inspection conducted on September 17 - 19, 1980, it appears that certain of your activities were in noncompliance with NRC requirements. These items are considered infractions.

1. 10 CFR 50, Appendix B, Criterion V (Procedures), states in part that, "Activities affecting quality shall be prescribed by documented instructions . . . and shall be accomplished in accordance with these . . . procedures. . ."

CEI Corporate QA program section 0500 requires activities affecting quality to be described and accomplished in accordance with instructions and procedures.

Contrary to the above, the following provisions were not accomplished according to documented procedures for concrete pour No. RB2-W02-630.

- a. U.S. Testing Procedure QCP-3, Section V, subparagraph 1.2.1 states, "When concrete is pumped, it will be sampled and tested at the end of the pump discharge line." The inspector determined that the concrete sampling point was not at the end of the pump discharge line, but some 110 feet back.
- b. Specification SP-14, Section 5:13, requires that concrete placing temperatures for massive concrete, for ambient air temperatures between 50 and 70^oF, shall be a maximum of 70^oF.

The inspector determined that concrete sat for approximately two hours before being discharged into the forms without any verification of its temperature.

- c. Specification SP-14, Section 6:14 requires that transit mix trucks conform to ACI 301-72 which requires conforming to ASTM C94. ASTM C94, Section 10.7 requires that discharge of the concrete shall be accomplished within one and one half hours after introducing water into the mix.

The inspector determined that concrete was discharged into the forms even though it exceeded the one and one half hour maximum dump time limitation without any verification of its properties.

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2. 10 CFR 50, Appendix B, Criterion X (Inspection), states in part that, "A program for inspection of activities affecting quality shall be established and executed . . . to verify conformance with the documented instructions . . ."

CEI Corporate QA program section 1000 requires an inspection program to verify the contractor's compliance to construction quality requirements. It also requires documentation to evidence construction and inspection operations.

Specification SP-14, Section 6:14 requires that transit mix trucks conform to ACI 301-72 which requires conforming to ASTM C94. ASTM C94, Section 10.7, requires that discharge of the concrete shall be accomplished before the drum has revolved 300 revolutions, or within one and one half hours after introducing water into the mix.

Contrary to the above, the licensee failed to verify or record concrete truck agitating revolutions or discharge times.

3. 10 CFR 50, Appendix B, Criterion V (Procedures), states in part that, "Activities affecting quality shall be prescribed by documented instructions . . . and shall be accomplished in accordance with these . . . procedures . . ."

CEI Corporate QA program, section 0200 requires that examination and test personnel . . . shall qualify to and be certified to the requirements of Regulatory Guide 1.58 and ANSI N45.2.6.

Contrary to the above, NECC failed to follow the above procedure by certifying two inspection personnel who lacked the required prior experience at the time of certification. Proficiency testing appeared to be the main basis for certifying the two individuals.