

SEP 01 1978

Toledo Edison Company  
ATTN: Mr. J. Williamson  
President and Chief  
Executive  
Edison Plaza  
300 Madison Avenue  
Toledo, OH 43652

Docket No. 50-346

Gentlemen:

Inspectors from our Region III (Chicago) office recently completed a special inspection to review a reportable occurrence involving design and installation defects associated with the sequencer logic of the Safety Feature Actuation System. The findings of this inspection, which included items of noncompliance, were reviewed with the Plant Superintendent during the inspection and were discussed by Mr. Keppler, Director, Region III and members of his staff with Toledo Edison Corporate management on August 16, 1978. The items of noncompliance identified during the inspection are listed in Appendix A to this letter.

Our findings indicated that modifications made to the sequencer logic portions of the Safety Feature Actuation System were completed on February 12, 1977, and that the startup check-out was completed on February 14, 1977. This startup check-out did not detect the existing wiring errors. The preoperational test performed on this system was completed on February 23, 1977, and did not indicate any system operability problems. In addition a scheme check was made on the modification, which indicated no wiring errors. However, on June 2, 1978, during the performance of a surveillance test on a portion of the Safety Feature Actuation System, the problem with the sequencer was finally identified.

Because of the significance of the defects with the sequencer logic of the Safety Feature Actuation System, the enforcement aspects of this case have been escalated from the Regional Office to Headquarters for handling.

In addition to the need for corrective actions regarding the specific items of noncompliance listed in Appendix A, we are concerned about the effectiveness of your management control over testing activities. Consequently, in your reply, you should discuss the actions taken or

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planned to improve this area. Specifically describe the additional action planned or taken to ensure that: 1) scheme checks of systems are performed in the depth required by your administrative procedures and, 2) system test procedures are written and reviewed to assure that plant operations are not dependent on undertested systems, equipment, or components.

Your written reply to this letter and Notice of Violation and the findings of our continuing inspections of your activities will be considered in determining whether further escalated enforcement action such as Civil Penalties or Orders may be required to assure future compliance.

In accordance with Section 2.790 of the NRC's Rules of Practice, Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosure will be placed in the NRC's Public Document Room.

Sincerely,

N. C. Moseley, Director  
Division of Reactor Operations  
Inspection  
Office of Inspection and  
Enforcement

Enclosure:  
Appendix A, Notice  
of Violation

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DATE	9/ /78	9/ /78	9/ /78			