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Docket No. 50-346

Mr. Richard P. Crouse
Vice President, Nuclear
Toledo Edison Company
Edison Plaza - Stop 712
300 Madison Avenue
Toledo, Ohio 43652

Dear Mr. Crouse:

SUBJECT: NUREG-0737 ITEM II.E.1.2 AUXILIARY FEEDWATER SYSTEM AUTOMATIC INITIATION AND FLOW INDICATION

By letter dated September 16, 1981 (No. 742) Toledo Edison Company provided information related to the auxiliary feedwater system automatic initiation and flow indication in response to our request for information. Our evaluation of the design of the AFW system with respect to NUREG-0737 Item II.E.1.2 is not yet complete, however, it has progressed sufficiently so that the enclosed Safety Evaluation (SE) could be prepared. The results from the portion of our review remaining to be completed will be provided in a supplement to this SE.

Based on our review to date, we have concluded that the Davis-Besse Unit 1 auxiliary feedwater initiation and flow indication systems comply with the staff's long-term safety grade requirements with the following exceptions:

1. Only one AFW system flow channel per steam generator is provided. A minimum of two AFW system flow rate indicators is required by NUREG-0737, Item II.E.1.2. These must meet the requirements of Section 4.2 of IEEE Standard 279-1971.
2. The Davis-Besse Technical Specifications should be revised to include monthly testing of the AFW system automatic actuation logic and manual initiation circuits.

We request that you review the enclosed SER and its supporting Technical Evaluation Report prepared by Franklin Research Center. Please provide, no later than February 23, 1983, your schedule for correcting the deficiencies noted above and described in detail in the SE.

Sincerely,

"ORIGINAL SIGNED BY:"

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

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