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Docket Number 50-346

License Number NPF-3

Serial Number 1932

April 24, 1991

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Status of Anticipated Transients Without Scram Modifications
(Unresolved Safety Issue A-9)

Gentlemen:

On April 5, 1991, the Nuclear Regulatory Commission (NRC) staff requested that Toledo Edison (TE) provide a status on the implementation of requirements relating to Unresolved Safety Issue (USI) A-9, "Anticipated Transients Without Scram (ATWS)." 10 CFR 50.62, the ATWS Rule, provided specific requirements for the installation of equipment designed to mitigate the effects of an ATWS. The purpose of this letter is to provide confirmation that these requirements have been met.

Section (c)(1) of 10 CFR 50.62 requires that each pressurized water reactor have equipment to automatically initiate the Auxiliary Feedwater System and initiate a turbine trip under conditions indicative of an ATWS. To meet this requirement, TE proposed to take credit for an existing system (i.e., Steam and Feedwater Rupture Control System) that would perform this function. No plant modifications were necessary. This approach was approved by the NRC in a letter dated September 29, 1989 (Log Number 3077).

Section (c)(2) of 10 CFR 50.62 requires the installation of a Diverse Scram System (DSS) that is independent from the existing Reactor Protection System. The DSS was installed at Davis-Besse Nuclear Power Station during the sixth refueling outage, which was completed on July 5, 1990.

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Operating Companies:
Cleveland Electric Illuminating
Toledo Edison

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Should you have any questions regarding this matter, please contact
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Very truly yours,



NKP/mmb

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