Docket No. 50-346

License No. NPF-3

Serial No. 608

April ', 1980

TOLEDO EDISON

RICHARD P. CROUSE
Vice President
Nuclear
(419) 259-5221

Director of Nuclear Reactor Regulation
Attention: Mr. Robert N. Reid, Chief
Operating Reactors Branch No. 4
Division of Operating Reactors
United States Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Reid:

On January 30, 1980 (Serial NO. 582) Toledo Edison forwarded a commitment to your staff to install a reactor coolant system high point vent system for the Davis-Besse Nuclear Power Station, Unit 1. The proposed system included vents on the high points of the reactor coolant system hot legs,as well as a second vent path on the pressurizer.

The installation of a proposed reactor vessel head vent is still under review. Details of a design for such a vent at DB-1 have not been completed. Guidance on the operation of such a vent has not been resolved by either Toledo Edison or Babcock & Wilcox. However, recognizing these limitations, your staff has requested a commitment to install a reactor vessel head vent at DB-1.

Basic design criteria for such a venting arrangement would be such that the vent path would have two isolation valves in series. The valves and their controls would meet the safety grade criteria of the Davis-Besse Final Safety Analysis Report. Each valve would be supplied from a Class IE power supply.

Toledo Edison will pursue the design and installation of a vent on the Davis-Besse reactor vessel head. It is noted that we have had no formal communication from Babcock & Wilcox indicating that this effort is justified, or once installed, whether acceptable guidelines can be developed for its operation. Recognizing these facts Toledo Edison will continue to review this commitment and may at a future date submit a justified alternative for your review and approval. Current schedule plans would be to install this vent during the 1981 refueling outage, consistent with our previous commitment for the remaining reactor coolant system vents. More details on the vent design will be forwarded when finalized.

Very truly yours,

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