



GLENN J. SAMPSON
Vice President, Power

January 26, 1973

Mr. R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Docket No. 50-346

Dear Mr. DeYoung:

Our October 30, 1972, letter in response to your September 26, 1972, request for Toledo Edison to review the Davis-Besse Nuclear Power Station non-Class I (seismic) equipment that might potentially adversely affect the performance of safety-related equipment, promised a further reply within 90 days. This letter responds to that promise.

A detailed review was made of non-Class I (seismic) systems and components to determine whether failures could adversely affect safety-related systems and equipment by any of the following modes:

1. Falling of non-Class I (seismic) equipment onto essential safety equipment.
2. Spraying of essential safety equipment due to non-Class I (seismic) component rupture.
3. Flooding of essential safety equipment due to non-Class I (seismic) component rupture.

This review has resulted in some design modifications to ensure that safety-related equipment would not be adversely affected. Portions of the fire protection piping have been upgraded to Class I (seismic) design and portions of several other piping systems are being upgraded to Class I (seismic) design. In certain areas, curbing is being added where water from potential ruptures might affect safety-related equipment at that or some lower building elevation. Some valves, both automatic and manual, are being added to certain piping systems to prevent or mitigate flow of water into a failed system.

Some portions of this review are still under study, but all design requirements will be established within 90 days.

Yours very truly,

Glenn J. Sampson
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inquiry

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