

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

J. WILLIAMS, JR.
SENIOR VICE PRESIDENT
NUCLEAR OPERATIONS

May 19, 1983
LOZ-83-0032

Docket No. 50-358

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Attention: Mr. J.G. Keppler
Regional Administrator

Gentlemen:

RE: WM. H. ZIMMER NUCLEAR POWER STATION - UNIT 1
10CFR50.55(e), ITEM-85, ESSENTIAL INSTRUMENTS
ATTACHED TO NONESSENTIAL/NONSEISMIC PIPING
W.O. 57300, JOB E-5590, FILE NO. 956C, M-85

The subject condition was initially reported to the Commission as a potentially reportable deficiency on April 20, 1983, pending completion of an engineering evaluation to determine its significance.

During an engineering review of safety related or seismically designed items in non-category I structures, it was found that essential instruments 1E22-N001A&B were attached to non-essential, non-seismic piping. These instruments were the only ones found requiring modification.

Essential instruments 1E22-N001A&B provide an automatic switching function based on condensate storage tank (CST) level. The high pressure core spray (HPCS) pump is normally lined up to take suction from the CST. Upon receiving a low CST level signal from these instruments, the pump suction source is switched to the suppression pool.

The safety significance is that should a seismic event rupture the CST it is also possible that the instrument providing the automatic switch-over could become nonfunctional due to its nonseismic attachment. This would result in the loss of the HPCS pump suction supply, and without manual action, loss of the HPCS system.

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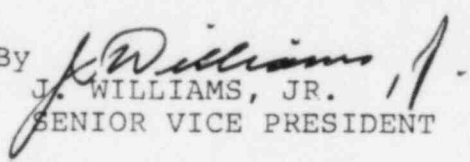
However, the postulated loss of the HPCS system is designed for by automatic initiation of the Automatic Depressurization System (ADS), Low Pressure Core Spray (LPCS) System, and Low Pressure Core Injection (LPCI) System. The particular scenario identified does not represent a "new" accident, but rather describes a mechanism that results in the potential loss of the HPCS system.

Based on the above evaluation, we do not believe the subject condition to be a significant deficiency, and therefore, it is not reportable under the requirements of 10CFR50.55(e).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By


J. WILLIAMS, JR.
SENIOR VICE PRESIDENT

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