

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

May 17, 1982

QA-1768

E. A. BORGMANN
SENIOR VICE PRESIDENT

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

Attention: Mr. J. G. Keppler
Regional Administrator

RE: WM. H. ZIMMER NUCLEAR POWER STATION-UNIT 1
10CFR50.55(e) - ITEM M-37 - DEFICIENCIES OF
KEROTEST VALVES - DOCKET NO. 50-358, CONSTRUCTION
PERMIT NO. CPPR-88, W.O. #57300 JOB E-5590
FILE NO. NRC-8, M-37

Gentlemen:

This letter constitutes an interim report concerning the subject potential deficiency initially reported to the Commission on April 19, 1982 under the requirements of 10CFR50.55(e).

Kerotest packless diaphragm seal valves, 2" and smaller, are utilized in various essential systems throughout the Zimmer plant, including the Reactor Recirculation, Nuclear Boiler and Residual Heat Removal Systems. During preoperational testing of these valves, it was noted on CG&E Nonconformance Report #O-NPD-82-1025E that some valves may appear to be open per indication of handwheel position, but are actually closed. This problem is attributed to that fact that the valve stem is not directly coupled to the disc, but rather utilizes a spring configuration. During certain conditions, the disc can become stuck on the seat and must be agitated manually in order to properly open.

The cause of this is undetermined, however, it is believed to be a result of debris, corrosion or thermal expansion of the disc coupled with a relatively low differential pressure across the valve.

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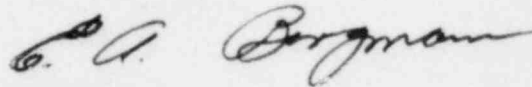
An investigation is underway to determine the location of the subject valves at the Zimmer plant. After this investigation is completed, a disposition of the above referenced Nonconformance Report should provide a resolution. Our next report will be submitted July 15, 1982, at which time, the results of the investigation will be reported.

We trust that the above will be found acceptable as an interim report under 10CFR50.55(e).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By



E. A. BORGMANN
SENIOR VICE PRESIDENT

FKP:plc

cc: NRC Resident Inspector
Attn: W. F. Christianson
NRC Office of Inspection & Enforcement
Washington, D. C. 20555