

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

September 2, 1982

QA-1953

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 I
10CFR50.55(e) - ITEM M-56 - DEFICIENCIES IN
GAMMA PLUG INSTALLATIONS - DOCKET NO. 50-358,
CONSTRUCTION PERMIT NO. CPPR-88 - W.O
#57300 JOB E-5590 FILE NO. NRC-8, M-56

Gentlemen:

This letter constitutes an interim report concerning the subject item, initially reported to the Commission as a potentially reportable deficiency under 10CFR50.55(e).

Radiographic access holes, adjacent to certain field butt welds in large bore piping are filled using threaded gamma plugs with seal welds on the outer wall of the pipe. At Zimmer, an estimated 420 plugs are utilized in essential piping systems.

The Quality Confirmation Program (QCP) documentation review and investigation found that certain plugs may be improperly installed. Gamma plugs in reducer segments of piping systems and some plugs in the remaining piping spools may not meet the full thread engagement requirements of Sargent & Lundy (S&L) Design Specification H-2256, "Phase II Piping Erection."

S&L is being requested to provide an engineering evaluation of the safety significance of not meeting full thread engagement, of having an undersized plug in a particular system, and of incomplete thread engagement in reducer segments of piping systems. A report will be submitted by October 31, 1982 to address the results of this evaluation.

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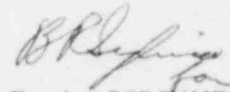
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We trust the above will be found acceptable as an interim report under 10CFR50.55(e).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By



E. A. BORGMANN
SENIOR VICE PRESIDENT

FKP:as
cc: NRC Office of Inspection & Enforcement
Washington, D.C. 20555
NRC Senior Resident Inspector
Attn: W. F. Christianson
Zimmer Project Inspector
Region III