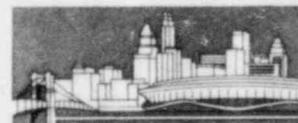


THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

June 14, 1982  
QA-1816

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-50 - WELDS WITH IN-  
ADEQUATE SURFACE PREPARATION FOR RT - DOCKET  
NO. 50-358, CONSTRUCTION PERMIT NO. CPPR-88  
W.O. #57300, JOB E-5590, FILE NO. NRC-8, M-50

Gentlemen:

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

This item was originally identified in CG&E's investigation of findings cited in I.E. Inspection Report 81-27. This investigation revealed that weld surface irregularities detected in radiographic review of welds in the "as-welded" condition may mask rejectable indications. The initial review of a random sample totaling 363 radiographs noted that approximately two-thirds were shot in the "as-welded" condition. Of that two-thirds, surface irregularities in seventy-three (73) welds were identified that may mask rejectable indications. These welds are in the process of being radiographed and re-evaluated. To date, only one weld, which was identified in the referenced NRC inspection report, has shown a rejectable condition, a one and one-half inch slag inclusion, which was masked from radiographic examination. It appears that inadequate surface preparation of joints welded utilizing a stringer bead technique may be a contributing factor in masking defects.

CG&E has issued a Management Corrective Action Request to address this concern. A resolution is expected to be available by July 20, 1982, at which time a follow-up report will be submitted.

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Mr. J. G. Keppler  
Regional Administrator  
June 14, 1982 - QA-1816  
Page 2

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:ec

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