

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

January 21, 1983

QA-2228

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-62 - FIRE DAMPER
FAILURES - DOCKET NO. 50-358, CONSTRUCTION
PERMIT NO. CPPR-88, W.O. #57300 JOB E-5590
FILE NO. NRC-8, M-62

Gentlemen:

This letter constitutes an interim report concerning the subject condition, initially reported to the Commission on October 29, 1982 as a potentially reportable deficiency under 10CFR50.55(e).

As stated in our previous report, QA-2116, dated November 16, 1982, fire dampers, manufactured by Air Balance, Inc. (ABI) of Chicago, Illinois, and supplied to the Zimmer Project by Waldinger Young and Bertke Company, are located in various safety related systems in the plant. Catalog data for these dampers show "J" hooks joined by a fusible link. This configuration restrains the damper from closing until ambient temperatures reach 160°F when, by design, the link melts and the hooks fall allowing the damper blade to drop, isolating the associated ductwork.

One damper, 1VD04YA, located in the Diesel Generator Ventilation System was identified in which the fusible link had melted and the hooks latched onto the damper blade, prohibiting proper closure of the damper. This problem is attributed to the fact that the hooks were installed by the manufacturer with the open ends of the hooks pointed upward toward the blade.

CG&E has determined that failure of these dampers may permit postulated fires to spread to other safety related areas of the plant. On this basis, the subject condition has been determined to be a reportable design deficiency under 10CFR50.55(e).

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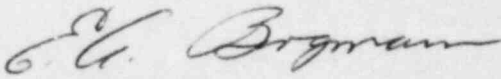
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CG&E is consulting with ABI to determine a solution to this problem. It appears that the fix to be implemented will be to rotate the hooks so that the open ends are pointed away from the blade, thereby prohibiting any hook/blade interference. A definitive solution will be available by March 15, 1983, at which time a final report will be submitted.

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 Resident Inspector
Attn: W. F. Christianson
Zimmer Project Inspector
Region III