

THE CINCINNATI GAS & ELECTRIC COMPANY



December 29, 1983
LOZ-83-0256

J. WILLIAMS, JR
SENIOR VICE PRESIDENT
NUCLEAR OPERATIONS

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 M-46 TURNING VANE FAILURES
IN ESSENTIAL HVAC SYSTEM
W.O. 57300, JOB E-5590, FILE NO. 956C,

This letter constitutes an interim report concerning the subject reportable condition reported to the Commission on May 10, 1982 under 10CFR50.55(e). Our previous report LOZ-83-0121 was submitted September 9, 1983.

The design of the modifications to essential turning vanes has been completed. The modifications will be applicable to approximately 160 essential elbows having one of the following characteristics:

- 1). Vane width greater than 30 inches, or
- 2). Located within 5 duct diameters of a fan discharge, or
- 3). Located within the Control Room boundary.

An inspection program will be used to verify the adequacy of turning vanes less than 30 inches wide in essential elbows. The inspection program will consist of visually inspecting a random sample of elbows for vane failures after verifying from plant operating logs that the HVAC system and related ductwork have been operated for a minimum of 720 hours. Control Room HVAC (VC), Reactor Building Ventilation (VR) and Switchgear Heat Removal (VX) systems will be involved in the inspection program. Any deficiencies discovered during the inspection program will be corrected. Completion of Air Test and Balance of HVAC systems VC, VR, VX will not be required prior to the inspection program.

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Implementation of the modification work to the turning vanes and the inspection program will be performed in accordance with the programs outlined in CG&E's Course of Action.

A final report will be submitted upon completion of the corrective actions.

We trust the above will be found acceptable as an interim report under 10CFR 50.55(e).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By 
J. WILLIAMS, JR.
SENIOR VICE PRESIDENT

DJS/sfr

cc: NRC Office of Inspection & Enforcement
Washington, D.C. 20555
NRC Resident Site Supervisor
ATTN: W.M. Hill
NRC Zimmer Project Inspector, Region III
ATTN: E. R. Schweibinz