

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

November 11, 1982

QA-2082

E. A. BORGMANN  
SENIOR VICE PRESIDENT

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

Attention: Mr. J. G. Keppler  
Regional Administrator

RE: WM. H. ZIMMER NUCLEAR POWER STATION UNIT 1  
10CFR50.55(e), ITEM M-53, TORQUE SWITCHES  
ON LIMITORQUE VALVES, DOCKET NO. 50-358  
CONSTRUCTION PERMIT NO. CPPR-88, W.O. #57300  
JOB E-5590, FILE NO. NRC-8, M-53

Gentlemen:

This letter constitutes a final report concerning the subject deficiency, initially reported to the Commission under the requirements of 10CFR50.55(e) on June 17, 1982.

As stated in our previous report, QA-1864, dated July 8, 1982, torque switches manufactured by Limitorque for motor valve operators have been found to malfunction as the motor torques out after opening or closing of the valve. Investigations revealed that the cause of this malfunction was the result of a plastic lug on the switch which holds the torsion spring in place breaking off and freeing the spring.

Limitorque has recently designed and now manufactures brass lugs to replace the former plastic design. This problem is limited to SMB-00 and SMB-000 size operators. CG&E has reviewed all Limitorque operators at Zimmer and has identified a total of 126 operators with switches which require plastic lug replacement. It is expected that this effort will be completed by March 1, 1983.

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We trust the above will be acceptable as a final report under  
10CFR50.55(e).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By

  
E. A. BORGMANN  
SENIOR VICE PRESIDENT

FKP:plc

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