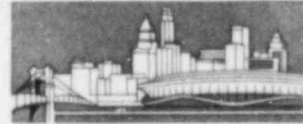


THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201
December 14, 1983
LOZ-83-0243

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 E-47, TARGET ROCK SOLENOID
VALVES
W.O. 57300, JOB E-5590, FILE NO. 956C, E-47

This letter constitutes an interim report concerning the subject condition reported to the Commission on August 3, 1983, as a reportable deficiency under 10CFR50.55(e).

Target Rock Corporation reported a deficiency to CG&E concerning their solenoid operated valves provided for use in essential systems on the Zimmer Project. The defect consists of an excessive space at the end of the coil which allows the coil to move axially when the valve operates. This can cause the coil leads to rub on the housing and possibly cause an electrical short making the valve inoperable. We have previously determined that this is a reportable item.

We have received additional details on the materials of construction and testing procedure for the solenoid operated valves supplied by Target Rock Corporation. We have checked the materials to ensure that they are acceptable for use in the intended environment. All of the valves except one have been qualified to the environmental conditions based on their physical location within the plant. The one valve, tag number 11N171 has not qualified due to the fact that it is located inside the containment. That valve will be replaced.

On December 9, 1983 purchase orders were placed with Target Rock to provide kits for all the valves. Delivery is expected in 6 to 8 weeks.

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Engineering Change Request (ECR) 964 is being used to document, monitor and control this modification. Consistent with Zimmer procedures we will:

1. Prepare a Safety Evaluation Report (SER).
2. Revise the vendor's instruction manual.
3. Review Test/Maintenance Procedures and provide appropriate revisions to assure that the modification kit is reinserted in the event that the valves are disassembled for any type of maintenance.

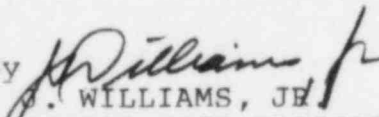
No other document changes are required to complete this modification.

CG&E intends to request relaxation of the NRC November 12, 1982 "Order to Show Cause and Order Immediately Suspending Construction" to perform the modifications to these valves.

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 
J. WILLIAMS, JR.
SENIOR VICE PRESIDENT

DJS/sfr

Mr. J.G. Keppler
Regional Administrator
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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