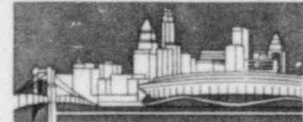


THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

April 13, 1983
LOZ-83-0018

E. A. BORGMANN
SENIOR VICE PRESIDENT

Docket No. 50-358

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

Attention: Mr. J.G. Keppler
Regional Administrator

Gentlemen:

RE: WM. H. ZIMMER NUCLEAR POWER STATION - UNIT 1
10CFR50.55(e), ITEM E-29, LACK OF INSPECTION
RECORDS FOR NELSON STUDS
W.O. 7300, JOB E-5590, FILE NO. 956C, E-29

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

Our previous report, QA-2276, dated February 24, 1983, stated that due to the large number of site records required to be reviewed and evaluated in order to provide an acceptable sample of installed Nelson Studs for inspection and testing, we were unable to meet our completion date. We have completed our review of site records and have concluded there was insufficient data to develop an adequate sampling plan for testing the integrity of the Nelson Stud threaded connectors.

The cable tray hanger connections were designed in accordance with the AISC Specification for the "Design, Fabrication and Erection of Structural Steel for Building". This specification states that the welds shall be made and inspected in accordance with A.W.S. D1.1 Structural Welding Code. Nelson Stud integrity will be verified by applying a torque to the nut on one Nelson Stud per hanger foot attachment, as defined in EIP-1 (Electrical Cable Tray, Cable Bus and Hanger Inspection). The torque values and number of studs given by EIP-1 meets or exceeds those required by A.W.S. D1.1 for threaded connectors.

A sampling inspection will be used to verify that base metal defects resulting from removal of temporary studs meet the following acceptance criteria:

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1. The depth of the defect shall be no greater than 7% of the base metal thickness, or 1/8 inch, whichever is less; and
2. No visual cracks exist from the removal of the temporary stud.

The sample size, selection and number of rejects before expanding the sample will be in accordance with site approved procedure 19-QA-37.

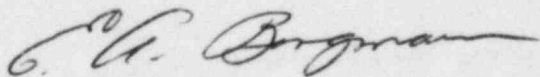
We feel the program as defined in this response will resolve the conditions reported under 10CFR50.55(e), Item E-29.

A Construction Work Authorization Request (CWAR) will be submitted to perform the inspections outlined above. Completion of the inspection effort and required corrective actions are contingent upon NRC approval of the CWAR or removal of the NRC November 12, 1982 "Order to Show Cause and Order Immediately Suspending Construction". A follow-up report will be submitted by July 15, 1983.

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

RNT/PMM/cse

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