

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-358/83-11(DE)

Docket No. 50-358

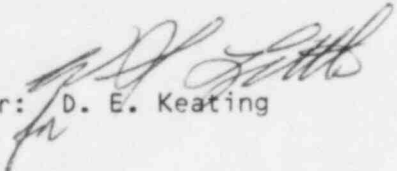
License No. CPPR-88

Licensee: Cincinnati Gas and Electric Company
139 East 4th Street
Cincinnati, OH 45201

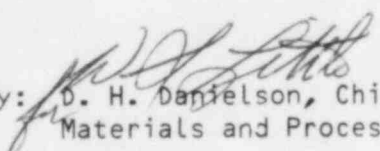
Facility Name: Wm. H. Zimmer Nuclear Power Station

Inspection At: Wm. H. Zimmer Site, Moscow, OH

Inspection Conducted: July 25-29, August 11, 30-31, and September 1-2, 1983

Inspector:  D. E. Keating

10/7/83
(Date)

Approved By:  D. H. Danielson, Chief
Materials and Processes Section

10/7/83
(Date)

Inspection Summary

Inspection on July 25-29, August 11, 30-31, and September 1-2, 1983 (Report No. 50-358/83-11(DE)).

Areas Inspected: Review of open items and unresolved items; review of proposed inspection plans for cable tray hanger and conduit supports; and for structural steel bolted connections. The inspection involved 71 inspector-hours onsite by one NRC inspector including 8 inspector-hours onsite during offshifts.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

Cincinnati Gas and Electric Company (CG&E)

*J. Williams, Jr., Senior Vice President
*E. J. Wagner, Assistant Vice President - Nuclear Engineering
*G. F. Cole, Assistant Vice President - Nuclear Projects
*J. F. Shaffer, Director, QCP
*G. Orlov, Assistant Director, QCP
*C. Vincent, QCP Civil/Structural Coordinator
*D. Stringer, QCP Task I Coordinator
M. Rhodes, QCP Task XII Coordinator
C. Keller, Technical Supervisor, QAD
J. Overtuf, Administrator, QAD
*D. K. Hyster, CG&E Staff
*B. K. Culver, Manager, GCD
*B. Gatt, Senior Civil/Structural Engineer, GCD
*R. N. Taylor, Licensing Engineer, NLD
*G. C. Ficke, Manager, NLD
*R. Wrucke, Licensing Engineer, NLD
C. Ashworth, QAD, Quality Engineering
*D. J. Schulte, Director, Q.E.

H. J. Kaiser (HJK)

*D. Davis, Q. E. Manager
W. Smith, Civil/Structural QC Supervisor
D. Koneger, Quality Engineer
W. O'Dell, Quality Engineer

Sargent & Lundy Engineers (S&L)

*R. J. Pruski, Project Manager
*T. A. McKenna, Senior Structural Project Engineer
*T. J. Daley, Senior QCP Project Engineer
*B. Larsen, Structural Engineer

Bechtel Corporation

*R. K. Kelly, QCP Civil/Structural Engineer

The inspector also contacted and interviewed other licensee and contractor personnel during this reporting period.

*Denotes those attending the exit interviews of July 29 and September 2, 1983.

2. Licensee Action on Previous Inspection Items

(Closed) Unresolved Items (358/82-01-13h; 358/82-01-13 and 358/82-05-07): This concerns the personnel certifications and qualifications of two (2) QCP Task Coordinators, one (1) QCP Inspector, and two (2) QA Engineers.

A review of these files revealed there was no file readily available or retrievable for one Task Coordinator; that there was very limited information available and retrievable for the second Task Coordinator; the file was complete for the QCP Inspector, however, he was being utilized in an inspection area that he was not fully qualified for; the two (2) QA Engineers also had limited information available and retrievable regarding their qualifications.

Through discussions with the individuals concerned it was determined that their education and previous work experience qualified all but one of these individuals for the work assignments being performed.

One (1) QCP inspector had very limited previous AWS weld inspection experience. The licensee upon reverification and reassessment of this inspector, reassigned him to an audit function within QCP Task I based upon previous general construction experience. Shortly after his reassignment, he voluntarily terminated his employment.

The licensee agreed to reverify the qualifications and retrain all individuals identified in this unresolved item.

During the followup inspection of this item it was determined that all site personnel had had their qualifications and certifications reverified and had been retrained.

This resulted in either reassignment to the appropriate job function or an up-dated certification to the previous job function.

(Closed) Unresolved Items (358/82-06-14 and 358/82-17-02): These items refer to Corrective Action Report (CAR) 109 which deals with the mounting details of essential electrical control panels and motor control centers. The licensee has completed the inspections of the five (5) panels identified by the resident inspector and the region based inspector. This item has since been escalated to a 50.55(e) item; 50.55(e) 358/83-01-EE, licensee designation E-35. This item will be tracked as a 50.55(e) item.

(Closed) Open Item (358/82-06-15): This item refers to the 100% re-inspection of bolted expansion connections. The bolted friction connections will be inspected using the standard bolting inspection criteria of the American Institute of Steel Construction (AISC) (10% or two (2) bolts per connection whichever is greater).

Based upon the recommendation of the Nuclear Evaluation Team (NET) in their inspection earlier this year (NUREG-0969), the QCP has been expanded to include the reinspection/rework of high strength structural steel bolted connections as Task XII.

Because this has been escalated to a 50.55(e) item, licensee designation S-11, it will be tracked as a 50.55(e) item: 50-55(e) 358/83-08-EE.

(Closed) Open Items (358/82-17-01(a) and 358/82-17-01(b)): These items cover four issues that the inspector had identified and was awaiting information from the licensee as to status.

They cover Task IX NR's written because no evidence existed in the concrete pour packages that the Design Document Changes (DDC's) were implemented.

Inspections of the areas affected by these NR's indicate that the work to be performed as called for on the DDC's were, in fact, performed. The respective DDC's are awaiting close-out signatures and/or formal approval by the licensee.

(Open) Open Item (358/82-17-01(c)): This item relates to missing anchor bolts associated with the base plate for Vessel "B" Dome Vent Pipe Support in line 1G33Z001-29B. Upon further investigation by the licensee it was determined that this item is designated non-seismic. However, upon completion of the installation of this line the anchor bolts will be reinstalled.

(Closed) Open Item (358/82-05-09): This item referred to three (3) QCP Hold Tags found by the inspector in the Cable Spreading Room.

These three (3) Hold Tags have been cancelled and replaced by the following: NRQ-QAD-82-4629-E. This is a generic NR which reflects an entire area, therefore Hold Tags are not required.

NR's Q-QAD-82-4099-E and Q-QAD-82-4364-E identify specific individual Leams. These require Hold Tags to be placed.

Regarding the Hold Tag issue which this item addresses the licensee has instituted a training program for all employees. This has been in effect since the late summer of 1982. Also replicas of the various types of Hold Tags are posted in various areas of the plant facilities with a brief description of their purpose and use.

The inspector found this item to have been adequately addressed. However, the generic aspect of this has been turned over to the Resident Inspector for continuing review and surveillance.

3. Review of Procedures Covering Blast Media

The inspector reviewed the following procedure:

- . Nuclear Engineering Procedure No. NEG-1, Revision 0, dated August 6, 1983. "Test and Evaluation of Blast Media".

Also the inspector reviewed several test data sheets covering the actual testing and evaluation of Ottawa Silica Flint.

No items of noncompliance or deviations were identified.

4. Special Meeting of August 11, 1983

A program for the reinspection/rework of structural steel high strength bolting was presented by Sargent and Lundy (S&L) to the licensee and Region III. Also attending was a representative from NRR.

This program includes the following:

- a. 100% reinspection of the expansion connections
- b. 5.6% reinspection of hole size for bearing connections. 100% reinspection of all other attributes.
- c. Standard AISC sampling of slotted friction connections.
- d. Standard AISC sampling of standard framed connections (friction type).

Since this program will by its nature, include rework of some of the connections, i.e., replacing bolts, adding jam nuts to expansion connections, removing nuts and installing with grade markings available for visual inspection, etc., the licensee will request a relaxation of the November 12, 1982 "Order to Show Cause and Order Immediately Suspending Construction" (CLI-82-33). This will be done in a formal presentation of this program to be made by November 1, 1983.

The licensee and S&L were reminded that any change in, or deviation from commitments made in the FSAR to the design and Code requirements would have to be presented to NRR for approval.

Exit Interview

The inspector met with site representatives (denoted in Persons Contacted paragraph) at the conclusion of the inspection and summarized the scope and findings in this report.