

U. S. ATOMIC ENERGY COMMISSION  
REGION I  
DIVISION OF COMPLIANCE

Report of Inspection

CO Report Nos. 289/70-5  
320/70-4

Licensee: Metropolitan Edison Company (Met Ed)  
(Three Mile Island Units No. 1 and 2)  
License Nos. CPPR-40 and CPPR-66

Date of Inspection: June 18, 1970

Date of Previous Inspection: May 26-28, 1970

Inspected by: D M Hunnicutt 7/2/70  
D. M. Hunnicutt, Reactor Inspector (Principal) Date

R F Heishman 7-1-70  
R. F. Heishman, Reactor Inspector Date

Reviewed by: D M Hunnicutt for 7/2/70  
E. M. Howard, Senior Reactor Inspector Date

Proprietary Information: NONE

SCOPE

The purpose of this management meeting was to discuss with Met Ed and B&W the comments and findings obtained during the B&W QA inspection (CO Report Nos. 289/70-3 and 320/70-3). The meeting was held in the B&W office, Lynchburg, Virginia. The significant findings of the inspection were reviewed with Met Ed and B&W corporate and staff personnel.

The specific areas of concern were discussed in detail by Mr. Heishman. B&W and Met Ed were responsive to the CO comments and indicated that corrective action would be initiated at the earliest date practical.

A. Meeting Attendees

B&W

- W. H. Rowand, Vice President and General Manager, NPGD
- H. F. Dobel, Manager, QA
- R. E. Braumiller, QA Representative
- E. G. Ward, Project Manager, TMI 1 and 2
- D. W. Montgomery, Manager, Nuclear Systems Engineering
- C. R. Powers, QA Representative

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Met Ed

G. Bierman, Project Manager, TMI 1 and 2  
T. G. Hreczuch, Construction Engineer

MPR Associates

N. M. Cole

GPU

B. G. Avers, Manager, QA

POOR ORIGINAL

B. Introduction

Mr. Heishman stated the purpose of the meeting was to review the observations made by CO during the re-audit of the B&W program.\* CO stated that the re-audit sought objective information on the establishment and implementation of a QA program to determine how the B&W QA effort compares to commitments in the FSAR, as amended, and 10 CFR 50, Appendix B.

The specific observations were discussed with B&W and Met Ed to verify that the CO understanding of the B&W QA program was correct and to assure that no misunderstandings of CO comments occurred. B&W and Met Ed were encouraged to participate in the discussion. Areas that require followup were identified.

C. Discussion of Criteria

1. Criterion I - Organization

The re-inspection indicated that the B&W organization met the commitments in the application and the intent of this criterion. Since the re-inspection, B&W has prepared a document that delineates the responsibilities for the NPGD Quality Assurance, a line organization, and the Engineering Technology Department, a staff organization. This documentation defines the responsibilities of the QA-QC groups in the area of establishing policy and guidelines related to the reliability and quality of products. The definition and delineation of authorities contained in the documentation appears adequate to assure that conflicting policy and guidelines are not promulgated.

2. Criterion II - QA Program

B&W indicated that the procedures for training and qualification of QA-QC personnel were being prepared and in some cases, particularly NDT, implemented.

\*CO Report Nos. 289/70-3 and 320/70-3

CO stated that verification of the adequacy of these procedures and instructions would be accomplished during subsequent inspections.

3. Criterion III - Design

B&W indicated that the program for development and implementation of instructions pertaining to the scope and depth of review to be performed on systems and components has not been completed. B&W re-stated their position that completion of the remaining procedures would be accomplished on or about August 1, 1970.

CO stated that verification of the adequacy of these procedures and instructions would be accomplished during subsequent inspections.

4. Criterion VI - Document Control

B&W corporate management has not reached a decision concerning obsolete document control and long term record retention. Long term record retention has and is being given attention on the corporate level, and at this point in time, neither the form (microfilm or actual document) nor location has been decided.

CO stated that verification of the adequacy of these procedures and control and retention of obsolete documents and long term records would be accomplished during subsequent inspections.

5. Criterion XVIII - Audits

B&W has not prepared instructions delineating the depth and scope of internal and vendor audits.

B&W had completed an initial internal audit in accordance with a previous commitment.\*

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\*CO Report Nos. 289/70-3 and 320/70-3, Criterion XVIII.