

REVISION 1
~~5/23/84~~
6/7/84

SSER

Task: Allegation A-35

Reference Numbers: 4-83-A-81-9

Characterization: The allegation is that because of inadequate documentation, LP&L and Ebasco cannot verify that piping systems installed and inspected by Mercury, NISCO, T-B, and Ebasco, were completed in accordance with the ASME code.

Assessment of Allegation: Adequate documentation may not be available, to verify that systems were built in accordance with the ASME Code even though parts of systems may have been reviewed and accepted. Mercury, NISCO, and T-B (the contractors) installed safety-related piping and control systems, and Ebasco and LP&L reviewed and accepted the documentation of the work. The implied safety significance is that without adequate documentation, the acceptability of the work is questionable and the quality of the installation is indeterminant.

Documentation system procedures of the contractors, Ebasco, and LP&L were compared to the ASME Code, 10 CFR 50, and applicable ANSI N45.2 requirements. Implementation was verified by reviewing objective evidence to substantiate documentation adequacy. Start up system (SUS) 52A, Reactor Coolant (RC) piping, was used as an example to verify the documentation relationship among NISCO, T-B, and Mercury.

The record turnover package for SUS 52A-2 was used to identify large bore, small-bore, and instrumentation interface with corresponding contractor identity and applicable Waterford Start Up Group (WSG) drawings. From the WSG drawings, NISCO's installation/weldment documentation turnover packages were obtained by referencing the RC ISO listing. Using Ebasco's piping component list, and sorting line number by ISO, small bore weldment packages of T-B were retrieved. Mercury's Master Instrumentation List cross-indexed the instrumentation called out on the WSG drawing to Mercury instrumentation tubing documentation packages.

Documentation packages were reviewed by the NRC staff to determine if:

1. Adequate/detailed quality records were maintained.
2. Records were reviewed for completeness prior to filing as historical records.
3. Inspection/test results were documented and traceable to the material.
4. Records were retrievable when required.

The NRC staff found that the contractors, Ebasco, and LP&L have implemented the program requirements. Therefore, the allegation has no safety significance nor generic implications.

8510040080 840607
PDR ADOCK 05000382
E PDR

[Potential Violations: None.]

4

Actions Required: None.

References:

1. Ebasco Procedures: QAI-9, Rev. 2 - Review of Handling of Construction-Installation Records
QAI-23, Rev. 3 - Review of Ebasco Construction Quality Records
CP-793, Issue F - Work Package Processing for Ebasco Construction
2. T&B Procedures: TBP-20, QA Records Turnover
TBP-35, Preparation and Cont. of Process Piping Travelers
3. Mercury Procedures: N49720-SP-761, Release and Turnover from Mercury to Ebasco Construction
4. NISCO Procedures: ES-3016-129, Rev. A - Final Review of QA Records
5. LP&L Procedures: QA17.5 Rev. 0 - Quality Records Status Review
6. Documentation Packages Reviewed:
 - a. Ebasco: DWGs LOU-1564 G172 Rev. 14, WSG 172, Rev. 12
 - b. Nisco Work Packages: 3.3 1B Pump Installation; Welds-P4W1, P5W1, P8W1 and P9W1; DWG 3015-003
 - c. Mercury Work Packages: OCR 1019 and OCR 1021
 - d. T&B Work Packages: LW3-RC-32 and OW3-RC-33

Statement Prepared By:

V. Wenczel/RW

Date

Reviewed By:

Team Leader

Date

Reviewed By:

Site Team Leader(s)

Date

Approved By:

Task Management

Date

Document Name:
SSER A-35

Requestor's ID:
CONNIE

Author's Name:
V. Wenczel

Document Comments:

*Please change the
revision number and
date. Kars*