

U. S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
REGION IV

Report No. 99900616/80-01

Program No. 51000

Organization: American Society of Mechanical Engineers  
United Engineering Center  
345 East 47th Street  
New York, NY 10017

Dates of Audit: October 8-9, 1980

Inspector:

E. Ellershaw  
E. Ellershaw, Contractor Inspector  
Components Section II  
Vendor Inspection Branch

11/3/80  
Date

Reviewed by:

I. Barnes  
I. Barnes, Chief  
Components Section II  
Vendor Inspection Branch

11/4/80  
Date

Approved by:

U. Potapovs, Chief, Vendor Inspection Branch

Date

Summary

Audit conducted October 8-9, 1980 (99900616/80-01), during the ASME Nuclear Certification Survey at LaBarge, Inc., Tubular Division facility at Wagoner, Oklahoma.

Areas Audited: American Society of Mechanical Engineer (ASME) Nuclear Survey Team Performance in the following Areas: Program Survey; QA Manual Review and Acceptance Criteria; Program Implementation (Partial); Certification of Authorization Status; Survey Team Report (Oral). The audit involved 16 inspector - hours onsite by one NRC inspector.

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DETAILS SECTIONA. Persons Contacted

J. Bazhaw, Authorized Nuclear Inspector, Hartford Steam Boiler Inspection and Insurance Company (HSB)  
F. D. Brewer, Director, Quality Assurance  
R. E. Bumbalow, Manager, Quality Assurance  
R. P. Holt, National Board Representative  
R. H. LaBarge, Vice President  
R. E. Tilton, ASME Team Leader  
J. Westmoreland, Regional Manager, HSB

This survey team appears to be in conformance with the team makeup as described in the SCNC Procedures Manual, Appendix I, Table 1.

B. Presurvey Questionnaire Review

The vendor (LaBarge, Inc.) requested this survey in order that they might re-obtain the use of the NPT Code Symbol Stamp. Their ASME Certificate of Authorization NPT (N-2272) authorizing use of the Code Symbol Stamp, had been withdrawn as a result of the decision by the ASME Subcommittee on Nuclear Accreditation reached during or subsequent to an accreditation meeting held on July 29, 1980.

The survey team reviewed the questionnaire submitted to ASME by LaBarge, Inc.

C. Manual Review and Acceptance Criteria

The entire survey team performed a detailed review of the LaBarge, Inc. Quality Assurance Manual to evaluate its acceptability relative to the NPT requirements set forth in the ASME Boiler and Pressure Vessel Code, Section III.

The survey team determined that the applicant's manual will require revisions, deletions, additions and clarifications before the team can recommend it as an acceptable program for the requested authorization.

The survey team discussed the recommended manual changes to LaBarge, Inc. management.

The LaBarge, Inc. management agreed to the proposed changes. The proposed changes could not be accomplished during the time allotted for this survey.

D. Program Implementation

Program implementation could not be verified by observation of in-process activities since LaBarge, Inc. has not performed any ASME Section III work since July 9, 1980. Verification activities were performed by review of required documentation associated with work performed prior to July 9, 1980.

A Quality Program Survey and Audit Checklist that identifies the quality elements and sub-elements contained in Subsection NCA-3800 of Section III to ASME Code, was used during the verification activities.

The inspector observed the survey team during its survey in the following quality areas: corrective actions by LaBarge, Inc., relative to previously identified ASME survey team findings during an April 28-29, 1980 survey; indoctrination and training, and control of construction processes relative to various disciplines e.g., procedures, shop travelers, welding material daily control logs, welding procedure specifications, welder/welding operator qualifications, control of nonconformances and corrective actions; NDE personnel qualifications, and equipment calibration.

The survey team leader conducted a survey team meeting to discuss the findings made during the verification activities.

E. Certificate of Authorization Status

The survey team leader conducted a meeting with LaBarge, Inc. management at the conclusion of the survey, to address the scope and findings. The following items were discussed:

1. The team leader reviewed the status of the previously identified findings. Certain findings remained open.
2. During verification by review of documentation, the survey team identified additional noncompliances with code requirements.
3. The review of the QA Manual resulted in the identification of certain QA Manual deficiencies.
4. The team leader also informed LaBarge, Inc. management that a report would be generated and submitted to both LaBarge, Inc. and the ASME Subcommittee on Nuclear Accreditation. The report will document the findings of this survey.