



QA: QA

Yehuda Krampfner, QA Manager  
Structural Integrity Associates, Inc.  
3315 Almaden Expressway, Suite 24  
San Jose, CA 95118-1557

**BECHTEL SAIC COMPANY, LLC (BSC) QUALITY ASSURANCE (QA) SUPPLIER  
AUDIT REPORT BSC-SA-02-025 OF STRUCTURAL INTEGRITY ASSOCIATES, INC.**

Enclosed is the Supplier Audit Report BSC-SA-02-025 of Structural Integrity Associates, Inc. (SI) in San Jose, California performed on May 7-8, 2002. The audit evaluated the implementation and effectiveness of the Quality Program in meeting the requirements of the BSC procurement documents.

The audit revealed effective implementation of the SI Quality Program with the exception of two conditions adverse to quality in the areas of Document Control and Audits. The conditions adverse to quality are documented in Deficiency Report BSC(V)-02-D-119 and Quality Observation BSC(V)-02-O-019.

As a result of the audit, Structural Integrity Associates, Inc. was found to be effectively implementing its quality program and will remain on the Office of Civilian Radioactive Waste Management Qualified Suppliers List. Structural Integrity Associates, Inc. will be placed on a triennial audit schedule for analytical services. Additional audits or surveillances prior to the next scheduled audit may be performed upon closure of the DRs.

This audit is considered complete and closed as of the date of this letter.

If you have any questions, please contact either Robert D. Habbe at (702) 295-1631 or Daniel A. Klimas at (702) 295-2665.

A handwritten signature in black ink, appearing to read 'D. T. Krisha'.

Donald T. Krisha, Manager  
Quality Assurance

5/23/02  
Date Signed

RDH:bw-0522022754

Enclosure:  
Supplier Audit Report BSC-SA-02-025

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May 23, 2002

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cc w/encl:

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**BECHTEL SAIC COMPANY, LLC (BSC)  
QUALITY ASSURANCE (QA)  
SUPPLIER AUDIT REPORT**

QA:QA

1. **SUPPLIER AUDIT NUMBER:** BSC-SA-02-025
2. **DATES PERFORMED:** May 7-8, 2002
3. **SUPPLIER NAME:** Structural Integrity Associates, Inc. (SI)
4. **SUPPLIER LOCATION:** San Jose, California
5. **SERVICES/ITEMS PROVIDED:** Engineering Services only (stress corrosion analysis)
6. **AUDIT SCOPE:** An evaluation of implementation and effectiveness of the SI Quality Assurance Program to meet the procurement documents.
7. **QA PROGRAM ELEMENTS EVALUATED:** Organization, QA Program, Design Control, Implementing Documents, Document Control, Corrective Action, QA Records, Audits and Software.
8. **SUPPLIER QUALITY PROGRAM DOCUMENT AND REVISION AUDITED:**  
SI Quality Assurance Program, Revision 4
9. **BSC APPLICABLE PROCUREMENT DOCUMENTS:**  
BSC Purchase Order 24540-160-PO-15424
10. **AUDIT TEAM MEMBERS:**  
**LEAD:** Robert D. Habbe, BSC QA  
**MEMBERS:** None
11. **OBSERVERS:** None
12. **PERSONNEL CONTACTED DURING AUDIT:**  
Yehuda Krampfner, QA Manager  
Barry Gordon, Project Manager  
Marcos Herrera, Senior Associate
13. **OVERALL EFFECTIVENESS OF THE SUPPLIERS QA PROGRAM IMPLEMENTATION:**  
**SATISFACTORY**   X   **UNSATISFACTORY** \_\_\_\_\_  
**IF CONSIDERED UNSATISFACTORY –DESCRIBE QA ELEMENT AND CAUSE:** N/A

14. FOLLOW-UP REQUIRED:

- NO FOLLOW-UP AUDIT OR SURVEILLANCE REQUIRED  
 SURVEILLANCE  
 FOLLOW-UP AUDIT  
 DETERMINATION BASED ON IMPACT WHEN CAR/DR CLOSED

15. SUPPLIER STATUS:

AUDIT SCHEDULE

- REMAIN ON QSL WITH TRIENNIAL AUDIT SCHEDULE  
 REMAIN ON QSL WITH ANNUAL AUDIT SCHEDULE

Audits or surveillances prior to the next scheduled audit may be performed based on QA program changes, scope of work changes, and/or supplier performance as deemed necessary.

RESTRICTIONS

- NONE  YES

IF YES – RESTRICTION IS: N/A

16. AUDIT DETAILS:

Details of the audit, along with the objective evidence reviewed are contained within the audit checklist, which is available from the BSC Records Processing Center.

17. AUDIT FINDINGS:

TOTAL CONDITIONS ADVERSE TO QUALITY: Two

CONDITIONS ADVERSE TO QUALITY BRIEF DESCRIPTION:

Document Type and Number	Description
Deficiency Report BSC(V)-02-D-119	<p>SIQP-16, Revision 6, Section 3.0 states: "The company-wide implementation of the program is evaluated annually by a comprehensive assessment of the QA Program."</p> <p>Contrary to the requirement:</p> <p>The SI internal audit for Fiscal Year 2001 did not evaluate the following areas of the SI QA Program: Section 1.0, Management Responsibility; Section 5.0, Document Control; Section 6.0, Procurement and Purchasing; Section 9.0, Inspection and Testing; Section 10.0, Inspection, Measuring and Test Equipment; Section 12.0, Control of Nonconforming Product; Section 13.0, Corrective Action; and Section 16.0, Audits.</p>

<p>Quality Observation BSC(V)-02-O-019</p>	<p>SI Quality Procedure (SIQP) SIQP-01, Revision 02, Section 4.1.2, states: "The Table of Contents of the SI QA Procedures Manual serves as a record of the latest revisions of all issued procedures. The Table of Contents includes a list of all issued procedures by number, title, revision number, and issue date." Contrary to this requirement, The Table of Contents, dated December 12, 2001 lists the issue date of Procedures SIQP-13 and SIQP-22 as November 2001. The actual issue date listed on the Procedures is December 2001.</p> <p>SIQP-01, Revision 02, Section 4.2.4, states: "Interim Revisions to the forms will only be distributed electronically." Contrary to this requirement, SI Form F0601AR4.DOC was revised on 02/27/2002 and was not distributed electronically.</p> <p>SIQP-01, Revision 02, Section 4.2.2, states: "The Table of Forms for the SI QA Procedures Manual serves as a record of the latest revisions of all issued Forms. With the issuance of any revision or addition to the forms section of the Procedures Manual, a new revision of the Table of Forms and the Table of Contents for the Procedures Manual (identifying the latest revision of the Forms Log) is also issued." Contrary to this requirement, Form F0601AR4.DOC was issued on 02/27/2002 and the Table of Forms was not revised.</p>
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TOTAL RECOMMENDATIONS FOR IMPROVEMENT: None

RECOMMENDATIONS FOR IMPROVEMENT BRIEF DESCRIPTION: N/A

This audit is considered closed.

Prepared by: Robert D. Habbe  
 Robert D. Habbe  
 Audit Team Leader  
 BSC Quality Assurance

Date: 5-22-02

Approved by: D. T. Krishna  
 Donald T. Krishna, Manager  
 BSC Quality Assurance

Date: 5/23/02