



QA: QA

Jonathan S. Berry, QA Manager  
Climatronics Corporation  
140 Wilbur Place  
Bohemia, NY 11716

**BECHTEL SAIC COMPANY, LLC (BSC) QUALITY ASSURANCE (QA) SURVEILLANCE  
REPORT BSCQA-02-S-21 OF CLIMATRONICS CORPORATION**

Enclosed is the Surveillance Report BSCQA-02-S-21, conducted by BSC QA on May 7, 2002 at the Climatronics Corporation facilities in Bohemia, New York.

The scope of the surveillance was to review corrective action implementation for Control of Purchased Items and Services and Audits as a result of DRs BSC(V)-01-D-120 and -121 generated by BSC Supplier Audit BSC-SA-01-025.

This surveillance found effective implementation of the BSC Purchase Order requirements and Climatronics Corporation's QA Program. This surveillance is considered complete and closed as of the date of this letter. A response to this surveillance report is not required.

If you have any questions, please contact either Richard L. Hand at (702) 295-4406 or Daniel A. Klimas at (702) 295-2665.

A handwritten signature in cursive script, appearing to read 'D. T. Krisha'.

Donald T. Krisha, Manager  
Quality Assurance

5/31/02

Date Signed

RLH:bw-0530022818

Enclosure:  
Surveillance Report BSCQA-02-S-21

*NMS 07*

May 31, 2002

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cc w/encl:

G. K. Beall, BSC, Las Vegas, NV  
James Blaylock, BSC, Las Vegas, NV  
L. W. Bradshaw, Nye County, Pahrump, NV  
David Chavez, Nye County, Tonopah, NV  
Margaret Chu, DOE/HQ (RW-1) FORS  
J. R. Dyer, DOE/YMSCO, Las Vegas, NV  
Leonard Fiorenzi, Eureka County, Eureka, NV  
Arlo Funk, Mineral County, Hawthorne, NV  
Birdie Hamilton-Ray, DOE/YMSCO, Las Vegas, NV  
R. F. Hartstern, BSC, Las Vegas, NV  
Alan Kalt, Churchill County, Fallon, NV  
D. A. Klimas, BSC, Las Vegas, NV  
D. T. Krisha, BSC, Las Vegas, NV  
Josie Larson, White Pine County, Ely, NV  
Robert Latta, NRC, Las Vegas, NV  
R. R. Loux, State of Nevada, Carson City, NV  
S. W. Lynch, State of Nevada, Carson City, NV  
George McCorkell, Esmeralda County, Goldfield, NV  
Mifflin and Associates, Las Vegas, NV  
Ram Murthy, DOE/OQA, Las Vegas, NV  
Irene Navis, Clark County, Las Vegas, NV  
Andrew Remus, County of Inyo, Independence, CA  
N. K. Stablein, NRC, Rockville, MD  
Lola Stark, Lincoln County, Caliente, NV  
D. D. vonderLinden, BSC, Las Vegas, NV  
N. H. Williams, BSC, Las Vegas, NV  
B. L. Wilson, BSC, Las Vegas, NV  
Mickey Yarbrow, Lander County, Battle Mountain, NV

cc w/encl:

C. T. Bastian, BSC, Las Vegas, NV  
R. L. Hand, BSC, Las Vegas, NV  
K. W. Roesner, BSC, Las Vegas, NV  
C. D. Sorenson, BSC, Las Vegas, NV

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OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT  
QUALITY ASSURANCE SURVEILLANCE REPORT

QA: QA

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QA Surveillance Number:  
BSCQA-02-S-21

Complete only applicable items.

1. Organization/Location Climatronics Corporation Bohemia, NY	2. Subject Follow-up of Corrective Actions for DRs BSC(V)-01-D-120 and -121 from Supplier Audit BSC-SA-01-025	3. Date(s) Performed 05/07/2002
4. Surveillance Scope Corrective action implementation for Control of Purchased Items and Services and Audits.		
5. Requirement(s) (Procedure, Specification, Drawing, etc.)  Climatronics Quality Manual, Revision K, dated 10/29/1996, Sections QA-304, QA-305, QA-1800, and QA-001, and BSC Purchase Order (PO) B00851	6. Originator <u>Richard L. Hand</u>  Team Members <u>None</u>	

SURVEILLANCE RESULTS

7. Description/Details

Reviewed documentation that demonstrated implementation of requirements in the Climatronics Quality Manual and the BSC Purchase Order. The last Supplier Audit of Climatronics Corporation, BSC-SA-01-025, resulted in the issuance of two Deficiency Reports (DRs) BSC(V)-01-D-120 for Control of Sub-tier Suppliers and DR BSC(V)-01-D-121 for Audits.

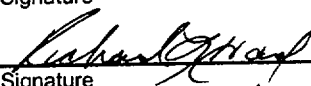


DR BSC(V)-01-D-120 documented the lack of notification to BSC of Climatronics Corporation's intent to use a subcontractor. Since that time, Climatronics Corporation has sent a letter to Joseph Hanna (BSC), dated 05/06/2002, for notification of intent to use Eppley Labs to calibrate the solar radiation sensor. Reviewed PO 24750 dated 05/06/2001 to Eppley Labs for calibration of solar radiation sensor, PO 25390 dated 03/13/2002 to Exphil Calibration Lab, and PO 25287 dated 02/05/2002 to MCS Calibration. Purchase Orders to the suppliers included applicable quality and technical requirements. Reviewed evaluation of Exphil Calibration Lab dated 09/01/2000. Package contains review checklist, calibration due notification, and calibration report. No reported problems from the supplier. Calibrated instrument reports and incoming material are reviewed at receiving inspection. Only the PO for calibration of the solar radiation sensor is Yucca Mountain Site Characterization Project (YMP) related work. These activities and documentation were found to be acceptable.

(See Continuation on Page 2)

8. Persons (and their organizations) Contacted  Jonathan S. Berry, QA Manager, Climatronics Corporation	9. CAQ/NCR/TE Issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Recommendation Issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CAQ/NCR/TE Number(s): <u>N/A</u>  CIRS Number(s): <u>N/A</u>
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10. Surveillance Conclusions  SAT  UNSAT

No problems were found with the activities or documentation reviewed. Implementation of corrective action resulting from the DRs was found acceptable. Climatronics Corporation QA Program implementation was found effective and acceptable for those activities reviewed.

11. Completed By (Originator) (Print Name) Richard L. Hand	Signature 	Date <u>5/29/02</u>
12. Reviewed By (Appropriate QA Manager) (Print Name) Daniel A. Klimas	Signature 	Date <u>5/29/02</u>
13. Approved By (QVM) (Print Name) Robert F. Hartstern	Signature 	Date <u>5/29/02</u>

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OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT  
QUALITY ASSURANCE SURVEILLANCE REPORT

QA: QA

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QA Surveillance Number:  
BSCQA-02-S-21

Complete only applicable items.

1. Organization/Location Climatronics Corporation Bohemia, NY	2. Subject Follow-up of Corrective Actions for DRs BSC(V)-01-D-120 and -121 from Supplier Audit BSC-SA-01-025	3. Date(s) Performed 05/07/2002
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BLOCK 7 Description/Details (Continued):

DR BSC(V)-01-D-121 addressed a lack of annual internal audits. Climatronics Corporation has conducted a series of audits, the sum of which evaluates the complete QA Program. Audits reviewed: Test Department dated 02/26/2002; Shipping & Production dated 02/26/2002; Inspection dated 02/21/2002; Engineering, Stock Room, & Calibration dated 02/25/2002; and Soldering dated 02/26/2002. These audits were completed in February 2002.

A Recall card, in the Recall file, is used to schedule and ensure all elements of the annual audit are conducted as required. The audits reviewed, as a whole, constitute the annual audit of the Climatronics Corporation Quality Program. Review of the audit reports found this activity and documentation acceptable.

Additional areas reviewed were Control of Measuring and Test Equipment and Control of Nonconformances. Reviewed calibration traceability to National Institute of Standards and Technology (NIST). Traceability is present for instruments reviewed. Air speed standard reference was calibrated by NIST, Tests # 836-226704-02 and # 836/261111-99. Calibration of lab instruments sent to Fluke notes traceability to NIST Standards.

Reviewed data packages for two air speed standard units used in-house. Serial numbers (S/N) STD & cup set S/N 1819 and S/N Test 3 & cup set S/N 32.

S/N STD calibrated 01/27/2002.

S/N Test 3 calibrated 01/02/1999, due 01/07/2002.

S/N Test 3 has been taken out of service.

Calibrated instrument reports and incoming material are reviewed at receiving inspection. Climatronics Corporation reviews calibration reports to ensure they meet requirements of the PO and also review the activity during audits. This activity and documentation were found acceptable.

A review of the Defective Material Log shows problems are with suppliers of Commercial Off-the-Shelf (COTS) items. These are addressed with a supplier corrective action. None of these problems impact the OCRWM YMP work. There have been no internal defective material problems identified. This activity and documentation was found acceptable.