

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

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NONCONFORMANCE REPORT

Project No. 20-5704-463

NCR No. 96-01

PART 1: DESCRIPTION OF NONCONFORMANCE

Requirement: Section 12.4.1 of the CNWRA Quality Assurance Manual states, in part: "Equipment to be maintained in a calibrated condition, including calibration standards, shall be periodically recalled for recalibration prior to expiration."

Nonconformance: A Datalogger instrument utilized by the CNWRA (Asset No. 003184) identified as a Campbell Model CR10 (Serial No. 19545) had a calibration due date of 6/16/95. The SwRI Calibration Lab notified the PI of the due date and no action took place. The PI has been told numerous times to have the instrument calibrated or tagged as out-of-calibration and no action has been taken.

Initiated by: Bruce Mabrito

[Signature]

Date: 1/29/96

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition: Datalogger was taken to the SwRI Calibration Lab on or about 02/06/96 for Calibration.

NOTE: Instrument was tagged as being out of calibration prior to the time it was taken to the SwRI Calibration Lab.

Basis of Disposition: Yearly calibration is required. Instrument has a low use rate. A yearly reminder from QA is all that is required.

2/21/96

Action to correct nonconformance: CNWRA will obtain and store the calibration program in the QA records room. The SwRI Calibration Lab will send to the PI the calibration due notice not less than one week prior (and up to five weeks prior) to calibration date.

Target date for completion: 3/6/96

Proposed by:

[Signature]

Date: 2/27/96

PART 3: APPROVAL

Element Manager: *[Signature]* for L. McKague

Date: FEB. 20, 1996

Director of QA:

[Signature]

Date: 2/28/96

Comments/Instructions: *See 2/28/96 ① Delay in completing action on this NCR has been due to trying to locate calibration instructions and calibration software needed by Cal Lab. ② On 3/11/96 B. Mabrito was called by the Cal Lab Supervisor and informed that after they received a component from Dr. C. Connor, they were able to complete the calibration that day. ③ Documentation was received from the Calibration 3/14/96 - Datalogger was "in tolerance." Objective Evidence Attached.*

PART 4: CLOSE OUT

Comments: *NONE*

Distribution:

- L. McKague/EM
- C. Connor/PI
- B. Sagar/Technical Director
- H. Garcia/Administration Director
- CNWRA Element Managers
- NCR Folder - QA Records
- B. Mabrito

Verified by:

[Signature]

Date: 3/14/96

[75] From: Eruce Mabrito at cnwra-os2 3/11/96 2:51PM (1131 bytes: 13 ln)
To:-Larry McKague at CNWRA
cc: Robert Brient, Budhi Sagar, Henry Garcia, Linda Hearon
bcc: Bonnie Caudle, Bruce Mabrito
Subject: Calibration of Connor/Hill Datalogger

..... Message Contents -----

I received word from Jim Patterson, Supervisor of the Cal Lab, that they completed the calibration of the datalogger today. It took a special call to Chuck Connor for him to provide a component which was not in the case (Chuck thought it had been delivered to them, but was still in the Bldg. 189 room upstairs). Chuck took the part down to them and they finished the calibration with him watching.

I will wait until I receive the documentation to finish up the NCR 96-01. They will send a copy to Chuck and to me. Thanks for your patience in this matter. From what Jim Patterson said, there is no problem with the past calibration of the unit. Bruce Mabrito

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SOUTHWEST RESEARCH INSTITUTE

Department of Quality Assurance
Calibration Laboratory

CERTIFICATE OF CALIBRATION
03/12/96

Issued to: CHUCK CONNER DIV20 ,B189
Manufacturer/Model: CAMPB/CR10
Nomenclature: DATALOGGER
Serial Number: 19545
Asset Number: 003184
Notes:

ENVIRONMENTAL CONDITIONS

Temperature: 76.0F

Relative Humidity: 36%

CALIBRATION INFORMATION

Procedure Number: MFGR
Remarks: SEE DATA SHEET

Accuracy: MFGR SPECS
Received IN Tolerance

Calibration was in accordance with requirements of MIL-STD-45662A.
Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

STANDARDS USED FOR CERTIFICATION

Asset #	Serial #	Mfg	Model #	Nomenclature	Cal Date	Int.	Cal Due
000132	2730017	FLUKE	5100B	CALIBRATOR	12/05/95	6	06/05/96

Certified by : 

Certificate#: 20075

Calibration Date: 03/11/96
Interval: 12 months
Next Calibration Due: 03/11/97

Cert. #: 20075

REMARKS

standard(volt):

2.5000
2.0000
1.0000
0.1000

Reading:

2.5021 to 2.5027
2.0010 to 2.0013
0.9992 to 0.9998
99.434 mv to 99.758 mv

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Certified by:

