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# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## NONCONFORMANCE REPORT

Project No. 20-1402-571

NCR No. 98-06

### PART 1: DESCRIPTION OF NONCONFORMANCE

Fluke Digital Multimeter model 8050A serial number 5005110 was found out of tolerance because the batteries in the unit would not charge.

Initiated by: Darrell S. Dunn

Date: 6/19/98

### PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition: Accept test results that used this instruments as-is

Basis of Disposition: Dead batteries did not affect measurements made when unit was powered from 110 AC outlet. Measurements were made only with 110-ac power.

Action to Correct Nonconformance: Batteries were replaced. No other action required

Target date for completion: 7/2/98



Proposed by: Darrell S. Dunn

Date: 6/19/98

### PART 3: APPROVAL

Element Manager: N. Sridhar

Date: 6/19/98

Director of QA: Dunn Malabala

Date: 6/29/98

Comments/Instructions:

*I was a bit surprised that our SWRE Cal. Lab did not take more initiative in putting fresh batteries in for the DC mode calibration test. DS*

### PART 4: CLOSE OUT

Comments: NONE

Distribution:

*D. Dunn  
Element Managers  
B. Sagar / H. Garcia  
Original To NCR Folder*

Verified by: Dunn Malabala Date: 7/1/98



6220 Culebra Road  
San Antonio, TX 78238

Department of Quality Assurance  
Calibration Laboratory

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# OUT OF TOLERANCE

## Certificate of Calibration

4 December 1997

# OUT OF TOLERANCE

Issued to: DA RELO DANN 8010A IV20  
Manufacturer/Model: FLUKE 8050A  
Serial Number: 5005110  
Asset Number: 001435

# OUT OF TOLERANCE

### Environmental Conditions

Temperature: 72 Deg. F Humidity: 34 %RH

### Calibration Information

Calibration was in accordance with requirements of MIL-STD-45662 and ANSI/NCSL Z540-1-1994. Measurements are traceable to the National Institute of Standards and Technology (NIST). This report may not be reproduced except in full without written approval of the originator. Inspection and test data are on file and available for inspection.

The uncertainty of the calibration was sufficient to determine that the instrument met the manufacturer's specifications.

# OUT OF TOLERANCE

Calibration Date: 2 Dec 97 Calibration Procedure: REC

Interval: 12 months Received: Out of Tolerance

Next Calibration Due: 2 Dec 98

# OUT OF TOLERANCE

Remarks: CALIBRATED BY BROTHS DEV. SAN ANTONIO, TX  
BY THE CERT. 50533.

### Out of Tolerance Data

The unit was found to be in an Out of Tolerance condition as indicated below. An evaluation should be made by the user to determine any adverse impact that may have occurred.

# OUT OF TOLERANCE

BT INDICATOR ON WHEN RECEIVED - BATTERIES WOULD NOT CHARGE.  
REPLACED BATTERY PACKS; TOOK DATA. NO ADJUSTMENTS NEEDED.

Signed:   
Title:

# OUT OF TOLERANCE

Checked By:   
Title:

LAST PAGE OF REPORT  
Total Pages Printed: 1

# OUT OF TOLERANCE