

# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## NONCONFORMANCE REPORT

Project No. 20.06002.01.081

NCR No. 2003-14

### PART 1: DESCRIPTION OF NONCONFORMANCE

RTD (Serial Number 325, Asset number 008425) was not able to be calibrated because the wire connection were damaged.

Initiated by: Darrell S. Dunn

Date: 10/17/2003

### PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

#### Disposition:

No data are affected by the out of specification condition.

#### Basis of Disposition:

No measurements were made with this instrument.

#### Action to Correct Nonconformance:

RTD was removed from the Calibration recall list

Target date for completion: 10/31/2003

Proposed by: Darrell S. Dunn

Date: 10/17/2003

### PART 3: APPROVAL

Element Manager: [Signature]

Date: 10/20/03

Director of QA: [Signature]

Date: 10/21/03

Comments/Instructions: for RDB

### PART 4: CLOSE OUT

Comments: No further action required.

Distribution: D. Dunn

V.J. Jain

B. Dagal

Verified by: [Signature]

Date: 10/21/03

# SOUTHWEST RESEARCH INSTITUTE

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**To:** Darrell Dunn, Div. 20, Bldg. 57

**From:** Walt Hill, Metrology Group Leader  
Institute Calibration Laboratory

**Date:** Sep. 02, 2003

**Subject:** Out-of-tolerance Notice

The purpose of this notice is to alert you of a condition, which may have caused erroneous measurements affecting safety or the quality of products or services your organization provides. The attached as-found readings are provided for your evaluation to determine if the instrument listed below had an impact and if further action is required.

When the as-found results are near the specification limit, +/- a margin less than the measurement uncertainty, it is not possible to state in-tolerance or out-of-tolerance with a 95% level of confidence. It is the Institute Calibration Laboratory policy that the client is made aware of this situation because the end-user is taking some of the risk that the instrument listed below may not meet the end-user measurement requirements.

Your review/evaluation should be conducted in accordance with your organizational quality policy and procedural requirements. If we can be of further assistance, please contact the Calibration Laboratory at 522-5215.

**Manufacturer:** Duro-Sense **Model:** J-00

**Description:** Rtd **Serial Number:** 325

**Asset Number:** 8425 **User ID Number:** None

**Last Calibration:** Jul. 23, 2003

**Date Received for Service:** Aug. 28, 2003 **Work Order Number:** 444055168

**Service Requested:** Scheduled calibration

**Remarks:** Wire fatigue causing measured resistance values to fluctuate. Unable to record repeatable "as found" values. Recommend removal from service.