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# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## NONCONFORMANCE REPORT

Project No. 20-5704-041

NCR No. 93-02

### PART 1: DESCRIPTION OF NONCONFORMANCE

Fisher mercury thermometer Model 14-983-10C (Serial No. 1238004) was found to be out of tolerance at 140.4 C calibration point.

Initiated by: N. Sridhar

Date: August 5, 1993

### PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

#### Disposition:

The out of tolerance in this temperature range did not affect the results of tests performed during this calibration interval (see attached out of tolerance notice)

#### Basis of Disposition:

All tests done to-date using this thermometer have been below 100 deg. C where the thermometer was within calibration. The desired tolerance in temperature for the tests is  $\pm 2$  deg. C.

#### Action to correct nonconformance:

The use of this thermometer for quality affecting work will be discontinued. It will be removed from the calibration log and the calibration sticker will be marked as void.

Target date for completion: 08/30/93

Proposed by: N. Sridhar

Date: August 5, 1993

### PART 3: APPROVAL

Element Manager: [Signature] Date: 8/6/93

Director of QA: [Signature] Date: 8/16/93

#### Comments/Instructions:

### PART 4: CLOSE OUT

Comments: Instrument removed from calibration by memo 8/16/93

Verified by: [Signature]

Date: 8/16/93

S O U T H W E S T   R E S E A R C H   I N S T I T U T E

Department of Quality Assurance  
Calibration Laboratory

OUT OF TOLERANCE NOTICE

Date: 08/03/93

The following instrument was out of tolerance when submitted for calibration.

Issued to: DIV20 B57 NARASI SRIDHAR

Device No: 1427

Manufacturer: FISHER

Model: 14-983-10C

Nomenclature: THERMOMETER

Serial Number: 1238004

SwRI No:

Remarks

Accuracy: +.5 C

Calibration Interval: 12 months

DEVIATION

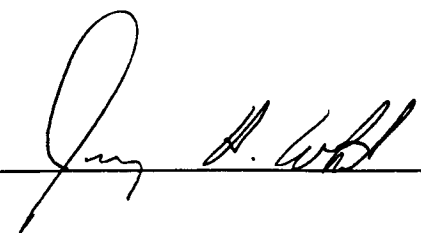
Entry Date: 08/03/93    Cal record #00011849 Last Valid Calibration: 07/29/92  
Remarks

The above Fisher Thermometer was found out of tolerance when submitted for calibration. The deviation is beyond its accuracy\* and therefore can not be calibrated to within manufacturer's specifications. The following results were recorded.

Standard Reading:	Unit Under Test:
0 Deg C.	0 Deg C.
50.3 Deg C.	50.0 Deg C.
100.0 Deg C.	99.5 Deg C.
* 140.4 Deg C.	138.0 Deg C.

Accuracy= + .5 Deg C.

cc: Manager, QA

Signed  \_\_\_\_\_