

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

NONCONFORMANCE REPORT

39/55

Project No. 20.01402.661

NCR No. 2002-05

PART 1: DESCRIPTION OF NONCONFORMANCE

Initiated by: Thomas A. Mayces

Date: 06/21/02

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition:

Rework. Results of cold trap prototype testing that utilized the portable air velocity meters will not be used in any report or licensing review. If the portable air velocity meters are considered for use in future test phases of the cold trap experiment, they will be calibrated as noted in the "Action to Correct Nonconformance" section.

Basis of Disposition:

The portable air velocity meters were used in prototype test phases of the cold trap experiment and were determined to have insufficient resolution to contribute to the testing. All air velocity measurements from test phases that used the portable air velocity meters will not be used in any report or for any licensing review. This specifically includes test phases 1-8 on pages 58-107 of the Scientific Notebook #337. These test phases were attempts to configure the cold trap setup so that air velocity measurements of sufficient quality could be made. As noted in Scientific Notebook #337, none of the test phases successfully accomplished the goal of collecting acceptable air velocity measurements.

Action to correct nonconformance:

If the TSI air velocity meters are going to be used for future measurements, they will be calibrated by a supplier on the ASL approved for nuclear work, e.g., Transcat.

Target date for completion: N/A

Proposed by: R. Fedors

Date: July 2, 2002

PART 3: APPROVAL

Element Manager: [Signature] Date: 7-2-02

Director of QA: [Signature] Date: 7/3/2002

Comments/Instructions:

PART 4: CLOSE OUT

Comments:

Close out of nonconformance report 2002-05 is not required. No verification necessary.

Verified by: [Signature] Date: 7/3/02

Distribution:

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES NONCONFORMANCE REPORT

40/55

Project No. 20-01402-661

NCR No. 2002-05

PART 1: DESCRIPTION OF NONCONFORMANCE: Project test equipment Model TSI 8345, TSI Serial Nos. 01060216 and 01060220, Velocicalc Portable Air Velocity Meters and their calibrations were purchased from a supplier that was not approved for nuclear projects.

Initiated by: Thomas A. Mayces

San for T. Mayces

Date: 06/21/02

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Response Date: 7/8/02

By: R. Parys/J. Prikryl

A. Choudhury San 6/21/02

Disposition:

Basis of Disposition:

Action to Correct Nonconformance:

Target date for completion: _____

Proposed by:

Date:

PART 3: APPROVAL

Element Manager: _____

Date: _____

Director of QA: _____

Date: _____

Comments/Instructions:

PART 4: CLOSE OUT

Comments:

Distribution:

Original-CENTER QA DIRECTOR QA Records

ORIGINATOR

PRINCIPAL INVESTIGATORS

B. ELEMENT MANAGERS

C. B. Sagar,

D. H. Garcia,

E. J. Prikryl

Verified by:

Date: