



**Wheelabrator Gloucester Company, L.P.**

A Wheelabrator Technologies Company  
600 U.S. Route 130  
Westville, NJ 08093

Phone 609.742.1484  
Fax 609.456.5910

Certified Mail #: Z 054 276 085

May 20, 1997

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406-1415

Re: Wheelabrator Gloucester Company, L.P.  
License # 29-28375-01

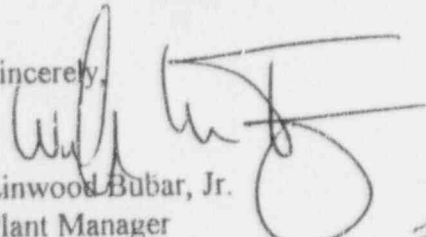
Dear Sir/Madam,

During review of our records, the facility was unable to locate our formal notification to your office that Robert Rowe has assumed responsibilities concerning the radiation safety program per your attached letter.

To ensure that your records are accurate, please accept this letter as notification that Mr. Robert Rowe has been named the facility Radiation Safety Officer (RSO). A copy of his completed training and certificate are attached for your review.

If you have any questions or require further information concerning this request, please contact Robert Rowe at 609-742-1484.

Sincerely,

  
Linwood Bubar, Jr.  
Plant Manager

FOR LINWOOD BUBAR

WRT

cc: R. Rowe  
R. Price  
Chrn.

9707080046 970630  
PDR ADOCK 03031120  
C PDR

**LETTER OF CERTIFICATION**

This is to certify that

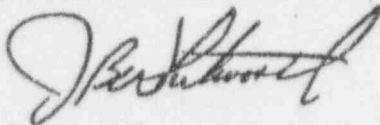
Robert Rowe  
Wheelabrator Gloucester Co., L.P.

has attended and successfully completed a course of instruction, conducted under the auspices of TN Technologies Inc. and described in the attached course agenda. The course covers fundamentals of radiation, units of dose and quality of radiation fields, hazards of radiation exposure, detection devices, regulatory controls, industrial devices and specific training on installation and leak testing of TN Technologies density, level, and weigh gauges.

The said course of instruction, together with prior experience, is structured to qualify persons who complete it to understand and safely perform various operations involving nuclear devices including the installation, relocation, and leak testing of such equipment. The operations are to be performed in accordance with the rules and regulations of the United State Nuclear Regulatory Commission and/or "Agreement States", and are in all respects subject to such rules and regulations.

This letter cannot be used in lieu of a specific license from or other sanction by an appropriate regulatory agency.

TN TECHNOLOGIES INC.



J. B. Whitworth, PhD.  
Director, Technical Services

*TN Technologies, Inc.*  
An EnviroTech company

P.O. Box 800 Round Rock, Texas 78680-0800  
(512) 388-9100. Fax: (512) 388-9200. Telex: 77-6413

The Industrial Radiation Safety Training Course has been approved for CM points through the American Board of Industrial Hygiene. When updating your file, provide them with the following information:

Sponsor:	TN Technologies, Inc.
Name of activity:	Industrial Radiation Safety Training
Date:	November 7-11, 1994
CM points awarded:	4.5
CM approval number:	8162

For additional information, contact:

Ms. Barbara A. Saalfeld  
Administrative Assistant  
American Board of Industrial Hygiene  
4600 W. Saginaw  
Suite 101  
Lansing, MI 48917-2737  
(517) 321-2638

**AGENDA**  
**TN TECHNOLOGIES, INC.**  
**40-HOUR INDUSTRIAL RADIATION SAFETY TRAINING COURSE**

**Radioactive Materials**

- A. Isotopes
- B. Decay
- C. Half-life

**Types of Radiation**

**Radiation Interaction with Matter**

- A. Ionizing Radiation
  - 1. Electromagnetic
  - 2. Charged Particle
  - 3. Neutron
- B. Specific Ionization

**Radiation Dosimetry**

- A. Units & Dose Determination
- B. Quality Factor
- C. Gamma Exposure Rate
- D. Neutron Exposure Rate

**Shielding**

- A. Inverse Square Law
- B. Time, Distance, Shielding
- C. Half-Value Layer
- D. Calculating Shield Thicknesses

**Biological Effects**

- A. Radiosensitivity
- B. General Cell Structure
- C. Radiation Exposure
- D. Radiation Damage
- E. Long Term Effects
- F. Dose Limits
- G. Total Accumulated Dose

**Biological Effects (Cont)**

- H. Radiation Protection Guides
- I. Natural Background Radiation

**Radiation Detection**

- A. Detection Instruments
  - 1. Basic Operation
  - 2. Survey Meters

**Personnel Monitoring**

- A. Requirements
- B. Devices

**Industrial**

- A. Posting
- B. Industrial Device Installation
  - 1. Requirements
  - 2. Surveying & Leak Testing Demonstration

**"Hands-On" At Factory**

- A. Demonstration/discussion of different types of survey meters
- B. Re-briefing on use of portable radiation survey meters
- C. Survey a Fixed Gauge
- D. Prepare Survey Forms
- E. Leak Test Devices using QT/IS Procedure
- F. Count Swabs
- G. Prepare Leak Test Certificates

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Industrial Radiation Safety Training Course  
Agenda  
Page Two

Regulatory Control

- A. Title 10 Code of Federal Regulations
- B. Agreement States
- C. Licensing Procedures
- D. General vs Specific License
- E. User Responsibility
- F. Radiation Protection Program/ALARA
  - 1. Recordkeeping
  - 2. Posting
  - 3. Training
  - 4. Incident Reporting
  - 5. Emergency Procedures

Shipping Radioactive Material

Summary of Topics

- A. Role of Radiation Safety Personnel
- B. Class Discussion

Written Test on Lectures and Homework Assignments

Note: Homework is assigned each night during the course.



# *Certificate of Training*

This is to certify that

Robert Rowe

Has Successfully Completed

A Comprehensive (40-Hour) Radiation Safety Training Course

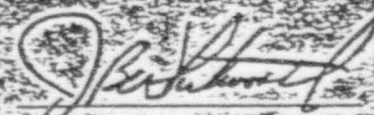
Presented by TN Technologies

Issued November 22, 1994

***TN Technologies***

A Thermo Instruments Company

P.O. Box 800, Round Rock, Texas 78680-0800  
Tel.: (512) 388-9100 Fax: (512) 388-9333



James B. Whitworth, Ph.D.  
Director of Technical Services