

THE
DOE RUN
COMPANY
SOUTHEAST MISSOURI
MINING AND MILLING DIVISION
P.O. Box 500
VIBURNUM, MO 65566
TELEPHONE 573-626-2000
FAX 573-626-2020

November 5, 2009

Nuclear Regulatory Commission
Region III
801 Warrensville Road
Lisle, Illinois 60532-4351

Attn: Mr. William Reichhold
Re: License Number: 24-24815-01
Control Number: 312542

Dear Mr. Reichhold:

I am writing to request a license amendment to permit a change in Radiation Safety Officers and to advise of locations where nuclear devices are no longer used.

Condition 10: Remove the following locations where licensed material is no longer used: Viburnum Mill, Viburnum, Missouri; Buick Mill, Highway KK, Boss, Missouri; and Buick Resource Recycling Facility, Highway KK, Boss, Missouri.

Conditions 11 and 17A: Remove names "Leon Hampton", "Mark LaPlant" and "Harold Crouch Jr.". Add "William Van Horn".

Condition 12A: Change Radiation Safety Officer to William L. Van Horn. He held this position before leaving The Doe Run Company in 2002. He has returned to our employ and will be resuming the position. Certificates of Training are enclosed.

Condition 12B: Change Assistant Radiation Safety Officer to Michael R. Reed.

Thank you for your attention.

Sincerely,



Michael R. Reed
Radiation Safety Officer

RECEIVED NOV 27 2009



CERTIFICATE OF PARTICIPATION

WILLIAM VAN HORN

**has participated in a refresher radiation safety training
course for Radiation Safety Officers (24 hours) conducted
by radiation technology, inc.**

A handwritten signature in cursive script, appearing to read 'J. S. ...', is written above the printed name and title.

**Co-Instructor
June 17, 2009**



RSO REFRESHER TRAINING AGENCY

Atomic Structure

- Periodic Table of Elements
- Isotopes
- Characteristics of Alpha, Beta, Gamma X and Neutron Radiation
- Radioactive Decay
- Half-Life
- Ionization
- Electromagnetic Radiation

Units and Estimated Exposure

- Roentgen
- Rad
- Rem
- Quality Factors
- Gamma Exposure
- Alpha, Beta Exposure

Shielding

- Inverse Square Relationships
- Gamma, Alpha & Beta Radiation
- Shield Materials
- Calculations for Shield Thickness

Biological Effects

- Radiosensitivity
- Cellular Differentiation
- Radiation Exposure
- Biological Response – Whole Body Acute
- Internal Dosimetry
- Low Dose Radiation
- Long Term Effects

Radiation Protection Guides and Personnel Monitoring

- Radiation Protection Guides
- Occupational Dose Limits
- Members of the Public
- Personnel Monitoring Requirements
- Personnel Monitoring Devices

Instrumentation

- Fundamentals of Detection
- Instrument Characteristics & Uses
- Geiger-Mueller Tubes
- Scintillation Detectors
- Radiation Measurements
- Instrument Selection

Industrial Gauge Requirements

- Posting
- Gauge & Sealed Source Construction
- Leak Testing
- Radiation Surveys

Regulatory Structure

- Regulations
- Specific & General Licenses
- Radiation Protection Program
 - Operating Procedures
 - Program Documentation
 - Training
 - Inspections

Lectures were supported with written documentation, video presentations, group discussions and "hands-on" activities.

For Radiation Technology, Inc.

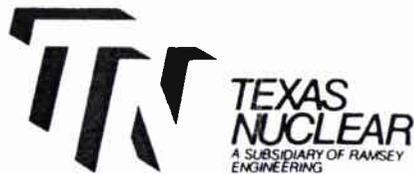
Pamela Zelewski
Co-Instructor

Certificate Of Training

This is to certify that

WILLIAM L. VANHORN

Has Successfully Completed a Radiation Safety Training Course
presented by Texas Nuclear Corporation.



Issued 6th Day Of February 1987

W. Kucaluk
Health Physicist

Tom Rudhomme
President

THE
DOE RUN
COMPANY

P.O. BOX 500
VIBURNUM, MISSOURI 65566



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Materials Licensing
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