SMURFIT-STONE

Smurfit-Stone Container Enterprises, Inc.
14377 Pulp Mill Road
P.O. Box 4707
Missoula, MT 59806-4707

October 7, 2009

RECEIVED
Oct 13 2009 em 10-14-09
DNMS

U. S. Nuclear Regulatory Commission
Region IV
Material Radiation Protection Section
612 East Lamar Blvd., Suite 400
Arlington, TX 76011-4125

REF: Request for Amendment to License No. 25-26842-01
Expiration Date: June 30, 2013

Gentlemen:

The purpose of this letter is to request an amendment to the above referenced license changing the Radiation Safety Officer.

License Condition 12. A. currently lists Thomas Evans as the RSO. Due to Mr. Evans change of duties, we request that Condition 12. A. be amended to reflect Thomas J. Kammerer assuming the RSO position.

Additionally, Tom Evans name should be removed from Condition 17. A. and Thomas Kammerer added as an authorized user.

Copies of Mr. Kammerer's training documentation and resume are enclosed. All other conditions of the license will remain the same, and procedures and representations previously submitted are still applicable.

We appreciate your assistance in the matter. Should you have any questions or need additional information, feel free to contact me at (406) 626-4826.

Sincerely,

Barry Doner

Barry Doner
General Manager

BD:sp

Enclosures

No 472443

Education and Experience for Thomas J. Kammerer **10/7/2009**

College Education:

Bachelor of Science Electronics and Electrical Engineering Technology
Montana State University – Bozeman, Montana
May 1996

Radiation Education:

40-Hour Industrial Radiation Safety Training Course
Radiation Technology, Inc.
August 10-14, 2009 – Austin, TX

Radiation Safety Officer Course – 40 hour
Engelhardt & Associates, Inc.
May 15-19, 2006 – Madison, WI

Radiation Experience:

May 2006 – Present:
Assisted with the Radiation Safety Program at Smurfit-Stone Container Enterprises, Inc. Missoula Mill under the direction of the RSO.

radiation technology, inc.

LETTER OF CERTIFICATION

This is to certify that

THOMAS J. KAMMERER
SMURFIT-STONE CONTAINER ENTERPRISES, INC.

attended and successfully completed a course of instruction conducted under the auspices of Radiation Technology, Inc. August 10-14, 2009 and described in the attached course agenda. This course covers fundamentals of radiation, units of dose and quality of radiation fields, hazards of radiation exposure, detection devices, regulatory compliance, radiation safety program design and implementation, and specific training on installation, radiation surveys, and leak testing of devices containing radioactive material in sealed sources.

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 done in accordance with the rules and regulations of the United States 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.

Radiation Technology, Inc.

Pamela Zelewski
Co-Instructor

P.O. Box 27637 • Austin, Texas 78755 • (512) 346-7608 • fax (512) 795-8718
8407 Skyline Avenue • Odessa, Texas 79764 • (432) 550-9701

CERTIFICATE OF COMPLETION

THOMAS J. KAMMERER

has successfully completed a comprehensive radiation safety training course (40 hours) conducted by radiation technology, inc.

Kenneth V. Krieger

Health Physicist

Date *August 14, 2009*

radiation technology, inc.

radiation technology, inc.

GRADE SHEET
INDUSTRIAL RADIATION SAFETY TRAINING
AUSTIN, TX
AUGUST 10-14, 2009

THOMAS J. KAMMERER

AVERAGE QUIZZES 1-3	QUIZ 4	EXAM	FINAL SCORE
95.33	100.0	96.0	96.07

CLASS AVERAGE SCORE: 79.64

P.O. Box 27637 • Austin Texas 78755 • (512) 346-7608 • Fax (512) 795-8718

RADIATION TECHNOLOGY, INC.
40-HOUR INDUSTRIAL RADIATION SAFETY TRAINING COURSE
AGENDA

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 (Con't)
- H. Radiation Protection Guides
- I. Natural Background Radiation
- J. Estimated Loss of Life Expectancy

Radiation Detection
- A. Detection Instruments
  - 1. Design and Operation
  - 2. Procedures for Proper Use of Meters

Personnel Monitoring
- A. Requirements
- B. Devices

Applications for Radioactive Material
- A. Device & Capsule Design
- B. Posting
- C. Industrial Device Installation
  - 1. Requirements
  - 2. Surveying & Leak Testing Demonstration

"Hands-On" Practical Session
- A. Checkout and re-briefing on use of portable radiation survey meters
- B. Survey a Fixed Gauge
- C. Prepare Survey Forms
- D. Leak Test Devices

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
  1. Recordkeeping
  2. Posting
  3. Training
  4. Incident Reporting
  5. Emergency Procedures
- G. Inspections

Shipping Radioactive Material

Liability Issues

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 COMPLETION

THOMAS J. KAMMERER

has attended and participated in a training session designed to meet the specifications of 49 CFR 172.700(b) for individuals involved with the receipt of or preparation for transport of packages containing radioactive material.

Certification Expires August 14, 2012

Instructor

August 14, 2009

radiation technology, inc.

radiation technology, inc.

TRAINING AGENDA
TO MEET SPECIFICATIONS OF 49 CFR 172.700(B)

FOR INDIVIDUALS INVOLVED WITH SHIPPING AND/OR RECEIVING OF PACKAGES CONTAINING RADIOACTIVE MATERIALS

AUGUST 14, 2009

REGULATORY STRUCTURE

SPECIAL FORM VS. NORMAL FORM

TYPES OF RADIOACTIVE SHIPMENTS
TYPE A VS. TYPE B
A_1 AND A_2 THRESHOLDS
RQ DESIGNATIONS

RADIATION SURVEY REQUIREMENTS

SHIPPING CATEGORIES AND REQUIREMENTS
WHITE I, YELLOW II, YELLOW III
SPECIAL FORM

PACKAGING REQUIREMENTS

LABELING

DOCUMENTATION
SHIPPERS DECLARATION FOR DANGEROUS GOODS
LEAK TEST CERTIFICATE
BILL OF LADING

KNOWLEDGE ASSESSMENT ACTIVITY

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Smurfit-Stone **License:** 25-26842-01

Docket: 030-29369 **Mail Control:** 472443

Type of Action: Amend **Date of Requested Action: 10/07/09**

Reviewer Assigned: **ARM reviewer(s): Torres**

Response	Deficiencies Noted During Acceptance Review
	[ ] Open ended possession limits. Submit inventory. Limit possession. [ ] Submit copies of latest leak test results. [ ] Add IC L.C./Fingerprint LC, add SUNSI markings to license. [ ] Confirm with licensee if they have NARM material. [ ] Change of contact information (RSO), send request to update IC database.

Reviewer's Initials: _____ **Date:**

☐Yes ☐No Request for unrestricted release Group 2 or >. Consult with Bravo Branch.

☐Yes ☐No Termination request < 90 days from date of expiration

☐Yes ☐No Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)

☐Yes ☐No TAR needed to complete action.

Branch Chief's and/or HP's Initials: _____ **Date:**

SUNSI Screening according to RIS 2005-31

☐Yes ☑No **Sensitive and Non-Publicly Available** if any item below is checked

General guidance:

_____RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
_____Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
_____Design of structure and/or equipment (site specific)
_____Information on nearby facilities
_____Detailed design drawings and/or performance information
_____Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

_____RAM quantities and inventory
_____Manufacturer's name and model number of sealed sources & devices
_____Site drawings with exact location of RAM, description of facility
_____RAM security program information (locks, alarms, etc.)
_____Emergency Plan specifics (routes to/from RAM, response to security events)
_____Vulnerability/security assessment/accident-safety analysis/risk assess
_____Mailing lists related to security response

Branch Chief's and/or HP's Initials: RTC **Date:** OCT 23

OCT 30
DATE

This is to acknowledge the receipt of your letter/application dated 10-07-09, and to inform you that the initial processing, which includes an administrative review, has been performed.

☒ There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

☐ A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 472443.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Colleen Murnahan

Licensing Assistant

NRC FORM 532 (RIV)
(10-2008)

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03120
Status Code: 0
Fee Category: 3P
Exp. Date: 20130630
Fee Comments: _____
Decom Fin Assur Reqd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
   Applicant/Licensee: SMURFIT-STONE CONTAINER ENTERPRISES
   Received Date: 20091013
   Docket No: 3029369
   Control No.: 472443
   License No.: 25-26842-01
   Action Type: Amendment

2. FEE ATTACHED
   Amount: /
   Check No.: _____

3. COMMENTS

Signed Colleen Murnahan
Date 10-13-09

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

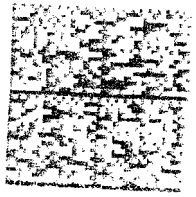
2. Correct Fee Paid. Application may be processed for:
   Amendment _____
   Renewal _____
   License _____

3. OTHER _____
   _____

Signed _____
Date _____

SMURFIT-STONE

14377 Pulp Mill Road, PO Box 4707
Missoula, MT 59806-4707



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U. S. Nuclear Regulatory Commission
Region IV
Material Radiation Protection Section
612 East Lamar Blvd., Suite 400
Arlington, TX 76011-4125

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