



U.S. Department
of Transportation

**Federal Highway
Administration**

RECEIVED
REGION 1

Research, Development, and Technology

Turner-Fairbank Highway
Research Center
6300 Georgetown Pike
McLean, Virginia 22101-2296

'05 MAR -7 P1:41

March 3, 2005

U.S. Nuclear Regulatory Commission
Region I
ATTN: LAT
475 Allendale Road
King of Prussia, Pennsylvania 19406-3415

Re: NRC Byproduct Materials License 45-23090-01 03028770

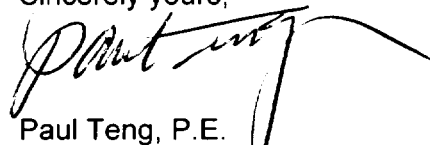
Dear Sirs:

We are requesting an amendment to the subject materials license to name a new Radiation Safety Officer (RSO) and a new Co-RSO. Dr. Habeeb Saleh, named as RSO in 1998, left this organization in 2004 for Johns Hopkins University Hospital. Dr. Terry Mitchell, the current Co-RSO and Acting RSO since Dr. Saleh's departure, has changed job responsibilities and is no longer involved in research activities with licensed material.

With this request, we would like to name Mr. Dennis Sixbey as the new RSO and Ms. Haleh Azari as the new Co-RSO. Both Mr. Sixbey and Ms. Azari have several years' experience working with radioisotope sources and/or with X-ray tomography equipment. A brief summary of their training and experience is enclosed.

If you have any questions about this amendment request, Dr. Terry Mitchell, our Acting RSO, can be reached by phone at 202-493-3147 or E-mail at terry.mitchell@fhwa.dot.gov.

Sincerely yours,



Paul Teng, P.E.
Director, Office of Infrastructure
Research and Development

Enclosure

136643
NMSS/RGNI MATERIALS-002

February 28, 2005

ATTACHMENT TO FORM 313
Item 7
Individual(s) Responsible for Radiation Safety Program

Radiation Safety Officer (RSO):

Dennis G. Sixbey
Research Materials Engineer

Co-Radiation Safety Officer (Co-RSO)

Haleh Azari
Research Engineer

Formal Training:

Both Mr. Sixbey and Ms. Azari recently completed (December, 2004, and February, 2005, respectively) the 40-hour "Radiation Safety Officer" course offered by CSI - Radiation Safety Academy, Gaithersburg, Maryland. The attached page lists the topic areas covered in the course.

Experience:

Mr. Sixbey has had on-the-job experience with Cs-137 and Am-241 + Be sources periodically during the past 25 years and has been an authorized user under various materials licenses during that time. Ms. Azari has had extensive on-the-job experience with X-ray tomography equipment during the past 4 years.

Duties and Responsibilities:

The duties and responsibilities of the RSO and Co-RSO will be those listed in Appendix E of NUREG-1556, Volume 1, Revision 1, dated November 2001. Both Mr. Sixbey and Ms. Azari will have full authority and responsibility for overseeing licensed activities.

Management's Commitment:

Management's commitment to the radiation safety program remains as stated in the cover letter accompanying the June 23, 1995, application for license renewal and as restated in the May 20, 1998, letter naming the previous RSO.

Register Now!

Also See...

- [RSO Mentoring](#)
- [Testimonials](#)
- [Sample Agenda](#)
- [Corporate Experience](#)
(1.4 Mb PDF)

Radiation Safety Officer

**40-hour course, US\$ 1,995
with LSC Option, US\$ 2,195**

Highly acclaimed by over 1,300 RSOs in the past 10 years

We offer this course monthly with **free refresher** training for all former RSO students. Our Certified Health Physicist faculty are full time training professionals on staff. Collectively we have over 100 years of practical radiation safety program experience to assure that you will be well prepared to serve as an RSO.

**Tailor the Course to Your Needs with Electives**

This is not a "one-class-fits-all" course. Throughout the week students can choose electives to tailor the course to their special program needs in research, medicine, biomedical, hospitals, government, universities, irradiators, x-ray machines, sealed source gauges, radiography, and other industrial applications.

Required Subjects

Students must complete 32 hours in the following subjects: radiation fundamentals, health risks, regulations, licensing, enforcement, dosimetry, radiation instruments, interpreting radiation data, quality assurance, DOT shipping and receiving of radioactive materials, radiation safety program management, record keeping, preparing for inspections, and emergency response.

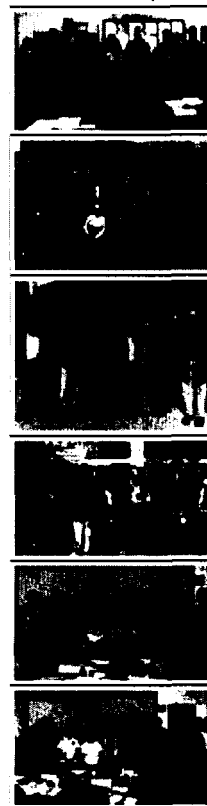
Elective Subjects

Students must complete at least 8 hours from the following 20 hours of electives: sealed sources and gauges, leak testing, x-ray safety, radioactive wastes and manifests, math review, problem solving, license applications, medical regulations (10CFR35), internal dosimetry, radiation litigation, decommissioning, risk assessments, how to conduct surveys, effective communications for RSOs, and training for the radiation safety trainer. We also offer a special session to review materials for the final exam.

Practical Knowledge

This is not a course about theory. We emphasize practical knowledge for implementing a good radiation safety program at a reasonable cost and how to assure good radiation safety inspections. Each student will receive extensive reference materials including a specially designed 1,000 page *Radiation Safety Officer Manual*, a *Regulations Handbook for Radiation Safety Professionals*, and selected set of *Regulatory Guides*.

Photos of Classes from the Past Year
(click to see full-size)



This is to acknowledge the receipt of your letter/application dated

3/3/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 45-23090-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

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

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** 136643.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN: : (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 License Fee Management Branch, ARM : Program Code: 03121
 and : Status Code: 0
 Regional Licensing Sections : Fee Category: EX 3M
 : Exp. Date: 20050731
 : Fee Comments: V
 : Decom Fin Assur Req'd: N
 :

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: TRANSPORTATION, DEPARTMENT OF
Received Date: 20050307
Docket No: 3028770
Control No.: 136643
License No.: 45-23090-01
Action Type: Amendment

2. FEE ATTACHED

Amount: /
Check No.: /

3. COMMENTS

Signed
Date

Rebecca J. Ford
3/24/2005

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

