



Chicago, IL

July 22, 2016

Material Licensing Branch  
U. S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Re: U. S. Silica Company – License No. 12-35194-01, Docket #030-38792  
Change in Authorized User

U. S. Silica Company is requesting changes on their current USNRC Material License #12-35194-01.

Under Conditions, item 11, we are requesting that Thomas T. Haney, Jr. be removed and Kayla Bucheimer be added for the Berkeley Springs Plant. Mr. Haney will be relocating to another plant in the near future and will no longer serve as RSO for the Berkeley Plant.

Attached, is a Certificate of Training demonstrating that Kayla Bucheimer has completed a 40-hour radiation safety training course through the Dade Moller Training Academy. The training course offered by Dade Moeller was previously verified as covering the topics outlined in NUREG 1556, Vol 4 by Sean M. Austin, MS, CHP. If there are any questions, Mr. Austin can be contacted at 301-990-6006 ext 3301. The class agenda is attached and a summary of work experience for Ms. Bucheimer has also been included.

If you have any questions concerning this update, please contact Rebecca Kuykendall at 304-671-0145 or [kuykendall@ussilica.com](mailto:kuykendall@ussilica.com).

Best Regards,

A handwritten signature in cursive script that reads "Rebecca M. Kuykendall".

Rebecca M. Kuykendall  
Environmental Project Specialist, Corporate RSO

U. S. Silica Company  
200 North LaSalle Street  
Chicago, IL 60601

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# Certificate of Training

Awarded To

***Kayla Bucheimer***

Recognizing completion of 40 hours of specialized instruction in

**Radiation Safety Officer**

**July 15, 2016**

Presented By

***Dade Moeller Training Academy***

438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877

[www.moellerinc.com/academy](http://www.moellerinc.com/academy) -- 301-990-6006

AAHP has awarded this course 40 Continuing Education Credits, 2014-00-051 (AS-289)

ABIH Diplomates can claim this course for 40 hours in the IH CM Area

*David A Waite*

David A. Waite, Ph.D., CHP





# Dade Moeller®

Training Academy

## Radiation Safety Officer

July 11 – 15, 2016

Instructors: Ray Johnson, CHP; Alan Fellman, PhD, CHP; Lee Myers, PhD; David Waite, PhD, CHP

This course is intended to provide a minimum of 40 hours of required and elective classes to meet provisions of 10 CFR 33.15. Required classes are already checked.

Please select elective classes for a total of 40 or more hours.

### Day 1 Monday July 11, 2016

Class Selected	Start Time	Class Titles (electives in <i>bold, italics</i> )	Class Hours
<input checked="" type="checkbox"/>	8:00	Introduction, Course Overview, Views on Radiation	3.0
<input checked="" type="checkbox"/>	11:00	Radiation and Radioactivity, Radioactive Decay	1.0
	12:00	Lunch (provided)	
<input checked="" type="checkbox"/>	1:00	Radiation Units, Sources of Radiation	2.0
<input checked="" type="checkbox"/>	3:00	Radon, Interaction With Matter	1.0
<input checked="" type="checkbox"/>	4:00	Health Effects	1.5
<input checked="" type="checkbox"/>	5:30	Daily Review	0.5
<input type="checkbox"/>	6:00	<b><i>Effective Communications for the RSO (optional)</i></b>	1.5
	7:30	Adjourn for the day	

### Day 2 Tuesday July 12, 2016

Class Selected	Start Time	Class Titles (electives in <i>bold, italics</i> )	Class Hours
<input checked="" type="checkbox"/>	8:00	Radiation Protection Standards, 10 CFR Part 19 and 20	3.0
<input checked="" type="checkbox"/>	11:00	Essential Highlights of 10 CFR Part 2, 30, 31, 33	1.0
	12:00	Lunch (provided)	
<input checked="" type="checkbox"/>	1:00	External Radiation Protection and Shielding	1.5
<input checked="" type="checkbox"/>	2:30	<b><i>Sealed Sources &amp; Industrial Gauges</i></b>	2.0
<input type="checkbox"/>	2:30	<b><i>Internal Radiation Protection</i></b>	2.0
<input checked="" type="checkbox"/>	4:30	Emergency Response	1.0
<input checked="" type="checkbox"/>	5:30	Daily Review	0.5
<input type="checkbox"/>	6:00	<b><i>Math Review &amp; Radiation Safety Problem Solving (optional)</i></b>	1.5
<input type="checkbox"/>	7:30	Adjourn for the day	

**Day 3      Wednesday      July 13, 2016**

Class Selected	Start Time	Class Titles (electives in <i>bold, italics</i> )	Class Hours
<input checked="" type="checkbox"/>	8:00	Radiation Survey Instruments	4.0
	12:00	Lunch (provided)	
<input checked="" type="checkbox"/>	12:30	Instruments Lab, Applications & Troubleshooting	2.0
<input checked="" type="checkbox"/>	2:30	License Applications and Amendments	1.0
<input type="checkbox"/>	3:30	<b><i>Security of Radioactive Sources – Increased Controls</i></b>	1.5
<input checked="" type="checkbox"/>	3:30	<b><i>Radiation Safety Surveys</i></b>	1.5
<input checked="" type="checkbox"/>	5:00	Daily Review	0.5
<input type="checkbox"/>	5:30	<b><i>Hands On Laboratory Survey and PPE Exercise (optional)</i></b>	1.5
	7:00	Adjourn for the day	

**Day 4      Thursday      July 14, 2016**

Class Selected	Start Time	Class Titles (electives in <i>bold, italics</i> )	Class Hours
<input checked="" type="checkbox"/>	8:00	Interpreting Radiation Measurements and Quality Assurance	1.5
<input checked="" type="checkbox"/>	9:30	Transportation of Radioactive Materials Overview and Package Receiving	2.5
	12:00	Lunch (provided)	
<input checked="" type="checkbox"/>	1:00	Developing a Training Program	1.5
<input checked="" type="checkbox"/>	2:30	Practical Record-Keeping For RSOs	1.0
<input checked="" type="checkbox"/>	3:30	<b><i>Radioactive Waste Management, Mixed Wastes</i></b>	2.0
<input type="checkbox"/>	3:30	<b><i>X-Ray Safety</i></b>	2.0
<input checked="" type="checkbox"/>	5:30	Daily Review	0.5
	6:00	Adjourn for the day	

**Day 5      Friday      July 15, 2016**

Class Selected	Start Time	Class Titles (electives in <i>bold, italics</i> )	Class Hours
<input checked="" type="checkbox"/>	8:00	Legal Implications: Radiation Litigation	1.5
<input checked="" type="checkbox"/>	9:30	First Steps as New RSOs	1.0
<input checked="" type="checkbox"/>	10:30	Radiation Safety Program Management, Preparing for Regulatory Inspections	1.5
	12:00	Presentation of Certificates and Adjourn 40-hour course	
<input type="checkbox"/>	12:30	<b><i>DOT HAZMAT Certification Option – Additional Fee</i></b>	4.0
	5:00	Adjourn optional module	

**Kayla Bucheimer**

**Training**

"Refresher Training for Gauge and Device Authorized Users" (2 Hours)

Integrated Environmental Management, Inc., teleconference - November 12, 2015

"DOT Hazardous Materials Training"

Environmental Resource Center, classroom – August 20, 2015

"Radiation Safety Officer" (40 hours)

ThermoFisher Scientific, classroom – completed July 15, 2016

**Work Experience**

June 2015 - Present      Environmental Coordinator at U.S. Silica

Assistant RSO

Quality Assurance Supervisor



U.S. Silica Company  
PO Box 187  
Berkeley Springs, WV 25411

*RM Keykendall*

**CERTIFIED MAIL™**

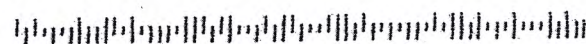


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