

**From:** [Lawyer, Dennis](#)  
**To:** [Wickland, Tim](#)  
**Subject:** RE: The President and Fellows of Middlebury College, Request for Additional Information Concerning Application for a License Renewal, Control 585979  
**Date:** Wednesday, April 15, 2015 6:18:00 AM

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Mr. Wickland,

Thank you for your response. Unfortunately, in your letter dated March 31, 2015, it states that you will include the relevant topics listed in Appendix J to NUREG-1556, Volume 7. It does not state about performing assessment of training retention as stated in Appendix J to NUREG-1556, Volume 7.

Please make this statement or the below statement in a signed letter as this will be a commitment to your license.

We will continue our review upon receipt of this information. Please reply to my attention at the Region 1 Office (Address below) and refer to Mail Control No. 585979. If you have technical questions regarding this letter, please call me at (610) 337-5366.

*Please note that you may not reply to this letter by return e-mail. Your reply must be in writing by letter, facsimile (610-337-5269), or signed letter attached to an email. If we do not receive a reply from you within 30 calendar days from the date of this e-mail, we will assume that you do not wish to pursue your application.*

Region 1 Office Mailing Address: Licensing Assistance Team, US Nuclear Regulatory Commission Region I, 2100 Renaissance Boulevard, Suite 100, King of Prussia, PA 19406-2713.

Dennis Lawyer  
Health Physicist  
U.S. Nuclear Regulatory Commission  
Division of Nuclear Material Safety  
610-337-5366  
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**From:** Wickland, Tim [mailto:[twicklan@middlebury.edu](mailto:twicklan@middlebury.edu)]  
**Sent:** Tuesday, April 14, 2015 6:43 PM  
**To:** Lawyer, Dennis  
**Subject:** Re: The President and Fellows of Middlebury College, Request for Additional Information Concerning Application for a License Renewal, Control 585979

Dear Mr. Lawyer:

In my response to your question 1, I had thought that, because Appendix J makes an allusion to determining appropriate means for assessing retention of training, my referencing that appendix would be sufficient. I apologize for being less specific than you had intended us to be.

To clarify: In the case of an unlicensed faculty member or an advanced student who will be working with licensed materials, because the number of such individuals is very small, all training is

conducted by a licensed user on a one-to-one basis with the unlicensed individual. Assessment of that individual's understanding and retention of the precepts and procedures to be followed is done first by oral examination and then by close observation of the individual's work in the laboratory.

I would be happy to expand on this as necessary, and to mail or fax a signed addendum to our renewal application, as you might require.

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Timothy H. Wickland  
Director, Sciences Support Services  
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**From:** "Lawyer, Dennis" <[Dennis.Lawyer@nrc.gov](mailto:Dennis.Lawyer@nrc.gov)>  
**Date:** Tue, 14 Apr 2015 15:54:57 -0400  
**To:** Timothy Wickland <[twickland@middlebury.edu](mailto:twickland@middlebury.edu)>  
**Subject:** FW: The President and Fellows of Middlebury College, Request for Additional Information Concerning Application for a License Renewal, Control 585979

Mr. Wickland,

I did not see where stated how training is assessed in your March 31, 2015, letter. Please see below item 1 "Please describe how training is assessed"

If it is in your response, could you specifically point it out?

**From:** Lawyer, Dennis  
**Sent:** Tuesday, March 10, 2015 12:15 PM  
**To:** [twickland@middlebury.edu](mailto:twickland@middlebury.edu)  
**Subject:** The President and Fellows of Middlebury College, Request for Additional Information Concerning Application for a License Renewal, Control 585979

Dear Mr. Wickland,

This is in reference to your letter dated January 26, 2015, requesting for renewal to Nuclear Regulatory Commission License No. 44-08056-03, Docket No. 03009366. In order to continue our review, we need the following additional information:

1. NUREG-1556, Volume 7, "Consolidated Guidance About Materials Licenses Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope" section 8.8 states to provide a description of the radiation safety training program, including topics covered, groups of workers, assessment of training, qualifications of instructors, and the method and frequency of training. In section 8 of your application, you have discussed the groups of workers, qualifications of instructors, method, frequency of training and briefly about the topics covered. Please describe how training is assessed and more details about the topics covered for students in

level 3 and staff and faculty who will be working under the supervision of a licensed user. It may be helpful to refer to Appendix J of NUREG-1556, Volume 7 dated 1999, "Radiation Safety Training Topics." You can also state that the training for these two groups of workers will include the topic listed in Appendix J of NUREG-1556, Volume 7.

2. NUREG-1556, Volume 7, "Consolidated Guidance About Materials Licenses Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope" section 8., states in part, describe the facilities and equipment to be made available at each location where radioactive material will be used. Include a description of the area(s) assigned for the receipt, storage, security, preparation and measurement of radioactive materials. A diagram should be submitted showing the locations of shielding, the proximity of radiation sources to unrestricted areas, and other items related to radiation safety. Diagrams should be drawn to a specified scale, or dimensions should be indicated. For facilities where it is anticipated that more than one laboratory or room may be used, a generic laboratory or room diagram may be submitted. You submitted room numbers and two classifications of laboratory use, but no description of the facility. Please describe a typical laboratory for both classifications along with a typical diagram noting typical shielding used. Please describe any special areas for receipt, storage, security, preparation and measurement of radioactive materials.

3. In section 10 and 11 of your application, you committed to using certain appendixes of NUREG-1556, Volume 7, Revision 1. Currently Revision 1 is in draft and has not been finalized and thus these appendixes can change and cannot be used for a commitment. Please revise your commitments for radiation monitoring instrument specifications (Appendix M), survey of facility and maintaining contaminations levels with survey frequencies and contamination levels (Appendix Q), model leak test program (Appendix R), and waste disposal (Appendix T) of NUREG-1556, Volume 7 dated 1999. Please fully state the commitment as described in NUREG-1556, Volume 7 for these sections.

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