

**From:** [Lawyer, Dennis](#)  
**To:** [Thomas.Kellogg@uvm.edu](mailto:Thomas.Kellogg@uvm.edu)  
**Subject:** The University of Vermont and State Agriculture College, Request for Additional Information Concerning Application for a License Amendment, Control 601350, Lic No. 44-00728-13, Docket No. 03013022  
**Date:** Thursday, November 02, 2017 10:30:00 AM

---

Dear Mr. Kellogg,

This is in reference to your letter dated September 25, 2017, requesting for amendment to Nuclear Regulatory Commission License No. 44-00728-13, Docket No. 03013022. In order to continue our review, we need the following additional information:

1. You have requested the release for unrestricted use of Cook Physical Sciences Building. You provided some information about the room use and isotopes, along with some direct and wipe sample results. The letter also stated that many of the sources were sealed or small check sources but was unclear to what areas had unsealed materials, the scanning area, scanning sensitivity, or if leak tests were performed or not required in each of the areas. The guidance for release of buildings can be found in Consolidated Decommissioning Guidance: Decommissioning Process for Materials Licensees (NUREG-1757, Volume 1, Revision 2) [NRC: Consolidated Decommissioning Guidance: Decommissioning Process for Materials Licensees \(NUREG-1757, Volume 1, Revision 2\)](#). Although different methods are allowable, the simplified survey procedures on Page 8-2 seems to be closest to what you have followed. Please provide:
  - a. the percentage of surfaces that were scanned;
  - b. the sensitivity of the scan for the radionuclides of interest and how the sensitivity was determined;
  - c. the speed of the scan;
  - d. the distance the detector was held from the surface;
  - e. the isotopes of concern and specific evaluation for removal of short lived radionuclides; and
  - f. If only sealed material was used in a lab, then follow the guidance in NUREG-1757 for decommissioning group 1, which starts on page 8-1 for that lab.
2. You have requested the addition of a new building Discovery on the main campus in Burlington, Vermont. Please give the address similar to your Item 3 of your application dated April 14, 2015. In addition state if there are any special facilities in this building or if the building only contain basic laboratories. If special facilities will be included, please describe and provide radiation safety specifics. You may use NUREG-1556, Volume 11, Rev. 1, section 8.9 for guidance [NRC: Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Licenses of Broad Scope, Final Report \(NUREG-1556, Volume 11, Revision 1\)](#).
3. You are removing one building and adding another building. This can affect the cost estimate of your Decommissioning Funding Plan. Please review your Decommissioning Funding Plan and state if this would be a significant change to the cost estimate.

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. 601350. If you have technical questions regarding this letter, please call me at (610) 337-5366.

Your reply must be an originally signed and dated letter. The letter may be scanned and submitted as a pdf document attached to an email; or it may be transmitted by facsimile to (610) 337-5269; or it may be sent by regular mail. 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 OR amendment request.

Please respond by e-mail to acknowledge that you have received the e-mail request for additional information.

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  
U.S. NRC Region 1  
Health Physicist  
610-337-5366