

From: Ullrich, Elizabeth
Sent: Tuesday, July 07, 2009 10:22 AM
To: Gloria Colurso
Subject: RE: amendment request

The guidance is silent on proportional sampling. Our practice has been to assume it is a minimum of 30 samples for any area, and the area not exceed 100 square meters. Also, because this is a final survey, it should be thorough and should include areas you might miss in routine surveys, such as drawer handles, door knobs, floor areas as well as the routine bench tops, hood areas. floors and sinks.

Betsy

From: Gloria Colurso [mailto:colurso@easternct.edu]
Sent: Wednesday, July 01, 2009 12:58 PM
To: Ullrich, Elizabeth
Cc: Gloria Colurso
Subject: Re: amendment request

Betsy,

With regard to the survey samples from our previous facilities, is the sample number proportional to the room size? For example, if we need 30 samples in 100 square meters, does that translate to 15 samples in an area of 50 square meters? Several of our rooms are fairly small.

Thanks.

Gloria J. Colurso, Ph.D.
Professor of Biology
Eastern Connecticut State University
83 Windham Street
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fax 860-465-5213

On 6/3/09 10:26 AM, "Elizabeth Ullrich" <Elizabeth.Ullrich@nrc.gov> wrote:

License No. 06-20971-01
Docket No. 030-22168
Control 143747
Eastern Connecticut State University

Dr. Colurso,

This refers to your letter dated May 18, 2009, with your survey results and the amendment dated May 18, 2009. Additional information is needed for the following:

1. In order to release Goddard Hall and the Media Center for unrestricted use, you need to demonstrate that these facilities meet the License Termination Criteria specified in Subpart E of 10 CFR Part 20. An acceptable method of doing so is described in NUREG-1757, Volume 2, Appendix B, which is located at the following web link: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1757/v2/sr1757v2r1.pdf> <<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1757/v2/sr1757v2r1.pdf>>

This reference describes an 'alternate survey' method that may be used at facilities such as yours, instead of the more detailed decommissioning surveys required by the NUREG-1757. The surveys that you provided would be considered 'samples' as described in the alternate survey method.

a. Please note that this reference requires **30 samples in an area of 100 square meters**. Please review your surveys to ensure that the minimum criteria are met. If it is not, submit the additional survey results for samples. These samples should be from the permanent fixtures in the facilities remaining in the vacated areas such as floors, walls, hoods, benches, etcetera. Based on the survey results provided, more samples likely are required from such locations.

thanks,
Betsy
Betsy Ullrich, Senior Health Physicist
Division of Nuclear Materials Safety, NRC Region I
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E-mail Properties

Mail Envelope Properties ()

Subject: RE: amendment request
Sent Date: 7/7/2009 10:16:44 AM
Received Date: 7/7/2009 10:21:00 AM
From: Ullrich, Elizabeth

Created By: Elizabeth.Ullrich@nrc.gov

Recipients:
colurso@easternct.edu (Gloria Colurso)
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	10456	7/7/2009

Options

Expiration Date:

Priority: olImportanceNormal

ReplyRequested: False

Return Notification: False

Sensitivity: olNormal

Recipients received: