

**From:** [Lindeblad, Travis W CIV USARMY MEDCOM USAMRICD \(USA\)](#)  
**To:** [Ullrich, Elizabeth](#)  
**Subject:** [External\_Sender] RE: some questions about the building release (UNCLASSIFIED)  
**Date:** Friday, November 01, 2019 9:34:10 AM  
**Attachments:** [ScansE3100 SU1 Class3.xlsx](#)  
[Statics E3100 SU1 Class3.xlsx](#)  
[LabDataPackage - Smears E3100 SU1 Class3.pdf](#)  
[SmearsE3100 SU1 Class3.xlsx](#)

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CLASSIFICATION: UNCLASSIFIED

Hi Betsy,

1. We cannot terminate our license because we still have a building (3081) that we have not vacated where material was permitted to be used. Once we do vacate, a MARSSIM will be performed. Upon concurrence from that survey we will in fact terminate our license all together. We are trying to get rid of bldg. 3100 now because the Garrison wants to take possession of it. We have been out of bldg. 3100 since the end of 2016. I thought our MARSSIM had been sent to you all for review per Parsons back around OCT Of 2018. But only recently did I find out that wasn't the case.
2. I can draft up a memo that outlines years of what and where. I will get that out to you Monday or Tuesday. Everything we used here were Betas with the exception of I125. No alphas were ever used here. Otherwise what you'll see is S35, P32/33, H3, C14 and CA45 was used in 2015. That is why H3 and C14 were the only isotopes of concern.
3. I have attached all files associated with appendix H from MARSSIM.

-----Original Message-----

From: Ullrich, Elizabeth [<mailto:Elizabeth.Ullrich@nrc.gov>]  
Sent: Thursday, October 31, 2019 1:31 PM  
To: Lindeblad, Travis W CIV USARMY MEDCOM USAMRICD (USA) <[travis.w.lindeblad.civ@mail.mil](mailto:travis.w.lindeblad.civ@mail.mil)>  
Subject: [Non-DoD Source] some questions about the building release

License No. 19-00294-24

Docket No. 030-31110

Mail Control No. 616216

Travis,

I have a few questions about the 9/27/19 letter you submitted, requesting release of some buildings:

1. Your letter says that "...research conducted at this institute will no longer require...radioactive material." It is not clear to me if this statement means you are requesting to terminate the license, or if "institute" refers only to Building E3100 and its outbuildings. If you are requesting termination of the license, that needs to be requested specifically, and in a letter signed by your manager (rather than by the RSO).

2. Your operational history doesn't discuss the types and quantities of radioactive materials that were used in building E3100 or when that use occurred. That information would be useful. Later information indicates that you surveyed only for tritium and carbon-14, but I am unsure if that is all you needed to look for. In particular, a lot of older licenses used alpha emitters from the uranium and thorium series. If these were used in the past, a more sensitive survey may be required.

3. Section 7.7.2.3 refers to detailed calculations in Appendix H. I need to see them, please.

I will be out of the office Friday November 1, and back in Monday and Tuesday next week.

Thanks,

Betsy

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