

From: [Christopher Hayes](#)
To: [Casey Alldredge](#)
Subject: [External_Sender] RE: RE: Question Regarding NRC License No. 23-24850-01
Date: Tuesday, August 27, 2024 9:19:04 AM

Yes, it is accurate to say that we do not fabricate sealed sources.

From: Casey Alldredge <Casey.Alldredge@nrc.gov>
Sent: Tuesday, August 27, 2024 7:30 AM
To: Christopher Hayes <Christopher.T.Hayes@usm.edu>
Subject: RE: RE: Question Regarding NRC License No. 23-24850-01

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Ok, thank you for letting me know. I am going to update your license to reflect the chemical/physical form to say "Any except sealed sources." I'm also going to remove the leak test conditions since you don't have any sealed sources to leak test.

Would it be accurate to also say that you also do not fabricate sealed sources? If so, I will also remove the condition that states:

"Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source. Records of leak test results shall be kept in units of microcuries and shall be maintained for 3 years" since it would not be applicable to your work.

Thanks,

Casey Alldredge
Health Physicist
Materials Licensing Branch
Division of Radiological Safety & Security
Region IV, USNRC

From: Christopher Hayes <Christopher.T.Hayes@usm.edu>
Sent: Wednesday, August 21, 2024 9:24 AM
To: Casey Alldredge <Casey.Alldredge@nrc.gov>
Subject: [External_Sender] RE: Question Regarding NRC License No. 23-24850-01

Hi Casey,
Thank you for reaching out. We have no sealed sources under our NRC license.
All the best,
Chris

From: Casey Alldredge <Casey.Alldredge@nrc.gov>
Sent: Tuesday, August 20, 2024 6:10 PM
To: Christopher Hayes <Christopher.T.Hayes@usm.edu>
Subject: Question Regarding NRC License No. 23-24850-01

CAUTION: This email originated from outside of USM. Please BE CAUTIOUS before clicking links or opening attachments unless you recognize and/or trust the sender.

Good evening,

I am a materials license reviewer in the NRC's Region IV office and I am performing an internal review of a portion of our research and development licenses. License No. 23-24850-01 allows the possession and use of byproduct material in "any" chemical and/or physical form, but the license doesn't include language about inventory requirements that would be applicable to sealed sources. Since a sealed source could be described as "any" chemical and/or physical form, I am working to update licenses to more accurately reflect the material possessed. Can you confirm whether you possess any sealed sources under the license? If so, I would like to add the inventory condition to your license so that it is more consistent with our current standard license conditions. If you don't possess any sealed sources, I would like to update the chemical and/or physical form conditions to reflect that there are no sealed sources and remove the leak test conditions.

If you have any questions, or would like additional information, I'd be happy to chat. My number is 817-200-1546.

Thanks,

Casey Alldredge
Health Physicist
Materials Licensing Branch
Division of Radiological Safety & Security
Region IV, USNRC