Dear Jonathon Pfingsten,

As per your request, this letter summaries that I performed survey and wipe tests in all areas in now defunked hot lab and camera imaging area and obtained back ground levels of radiation.

Data is attached.
All sealed source where removed, and did not bound back to me.
The State of Connecticut Radiation Control Physicist performed confirmatory surveys/wipes and performed "paperwork" review and terminated our registration in their system as of July 17,2024.

I apologize for all of the delays and the lack of clarity on the first pass it this.

Thanks for all of your help.

Sincerely,

Robert M Smith, MD

Robert M. Smith, MD 6/11/25

	Robert M. Smith, MD, LLC		
	License 06-30496-01		
	Survey and wipe test by location:		
	Date:	6/11/25	
Hot Lab:		Wipe Test	Survey
Lead Shielded Area:		.60 µCi	0.01 mR/hr
Trash Area:		0.64 µCi	0.01
Counter-Work Space:		0.71 µCi	0.01
Camera Room:			
Imaging Table:		0.40 µCi	0.01 mR/hr.
Camera Detector:		0.36 µCi	0.01
Computer Console:		0.51 µCi.	0.01
Data Collection obtained by:		Robert M Smith, MD	

NRC FORM 314
(07-31-2023)
10 CFR 30.36(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(k)(5)(i)(1)

U.S. NUCLEAR REGULATORY COMMISSION

CERTIFICATE OF DISPOSITION OF MATERIALS

APPROVED BY OMB: NO. 3150-0028 EXPIRES: 05/31/2026

Licensee Name and Address	License Number	Expiration Date
Robert M. Smith, MD, LLC. 310 Collins St. HARTFORD CT. 06105.	06-30496-01 Docket Number: 03034922.	9/30/24.

A. LICENSE STATUS (Check the appropriate box)

☒ This license has expired. ☐ This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

☒ 1. No radioactive materials have ever been procured or possessed by the licensee.

☒ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.

☐ a. Transfer of radioactive materials to the licensee listed below:

☒ b. Disposal of radioactive materials:

☐ 1. Directly by the licensee:

☐ 2. By licensed disposal site:

☒ 3. By waste contractor:

☒ c. All radioactive materials have been removed, any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

☒ d. Acknowledgment of receipt of the material by transfer or by disposal site is attached:

C. SURVEYS PERFORMED AND REPORTED

☒ 1. A radiation survey was conducted by the licensee. The survey confirms:

☒ a. the absence of licensed radioactive materials

☐ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

☒ 2. A copy of the radiation survey results:

☒ a. is attached; or ☐ b. is not attached (Provide explanation); or

☒ c. was forwarded to the NRC Email Address: Jonathan.Pfingsten @NRC.GOV on: Date: 6/11/25.

☐ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

☒ a. The results of the latest leak test are attached; and/or ☒ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

Name	Title	Telephone Number (Include area code)	E-mail Address
Robert M Smith.		860 278-7778.	RMS@CTCVSERVICES.COM

Mail all future correspondence regarding this license to:

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

Printed Name and Title	Signature of Certifying Official	Date
Robert M Smith.	Robert M Smith, MD	

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

Radiation Control Physicist
Air Bureau/Radiation Division
Connecticut Department of Energy & Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
m: 860-944-2936 | | **Kristina.Verderame@ct.gov**

Connecticut
Department of Energy &
Environmental Protection

Conserving, improving, and protecting our natural resources and environment;
Ensuring a clean, affordable, reliable, and sustainable energy supply.

portal.ct.gov/DEEP

From: Verderame, Kristina
Sent: Wednesday, July 17, 2024 4:02 PM
To: Robert Smith <rms@ctcvservices.com>
Cc: Tuck, Frank <Frank.Tuck@ct.gov>
Subject: Registration Terminated - No Further Action Required

Dr. Smith,

After to our confirmatory surveys/ wipes today and paperwork review, we have terminated your registration in the system. You may receive notice of termination tomorrow via email as the system tends to process overnight.

No further *state* level action or contact to this department is required.

Thank you,

Kristina M. Verderame, MHP
Radiation Control Physicist
Air Bureau/Radiation Division
Connecticut Department of Energy & Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
m: 860-944-2936 | | **Kristina.Verderame@ct.gov**

Connecticut
Department of Energy &
Environmental Protection

Conserving, improving, and protecting our natural resources and environment;
Ensuring a clean, affordable, reliable, and sustainable energy supply.

portal.ct.gov/DEEP

Subject: Re[2]: Registration Terminated - No Further Action Required
From: "Robert Smith" <rms@ctcvservices.com>
Sent: 7/17/2024 8:52:18 PM

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

December 9, 2022

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	-14	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	-26	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	-18	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	2	< 0.005 uCi

INSTRUMENTATION: Capintec Caprac; SN 001215

Background = 32 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** uCi 8/2/02			
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6267	148854.8	41647.0	27.98%	23.5	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

May 6, 2022

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	19	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	27	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	14	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	-3	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548
Background = 40 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** 8/2/02	uCi		
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6353	150899.5	12368.1	8.20%	48.6	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

March 12, 2021

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	13	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	45	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	32	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	19	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548

Background = 245 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** 8/2/02	uCi		
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6523	154937.0	17591.5	11.35%	102.2	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

July 17, 2020

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	-4	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	-18	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	12	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	29	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548

Background = 458 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** 8/2/02	uCi		
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6621	157272.7	43760.4	27.82%	89.3	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

July 25, 2019

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	-23	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	-31	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	-9	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	-48	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548

Background = 1056 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** 8/2/02	uCi		
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6772	160852.6	44742.3	27.82%	135.6	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

February 21, 2019

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	12	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	19	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	2	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	-2	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548
Background = 210 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** uCi 8/2/02			
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6837	162417.5	45332.4	27.91%	60.3	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

August 16, 2018

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below.

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	4	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	8	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	-3	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	14	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548

Background = 210 cpm

Cesium-137 Rod Source, SN 851-44-5					
	activity on	**0.107** uCi 8/2/02			
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6919	164358.8	44428.7	27.03%	61.3	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer

Robert M. Smith, M.D.

Semi Annual LEAK TEST OF SEALED SOURCES

December 22, 2017

Test Procedure: Accessible areas of the sources were wiped with a cotton swab. The wipes were counted in a well type scintillation detector. The results are listed below.

	Sealed Source	Source Location	NET CPM	Activity uCi
1	**Ba-133 Vial Standard** Model No. Amersham Serial No. CK 918 Activity **281 uCi** Calib. Date 8/5/93	Hot Lab Pb Fort	4	< 0.005 uCi
2	**Cs-137 Vial Standard** Model No. Amersham Serial No. ER 486 Activity **240 uCi** Calib. Date 7/24/95	Hot Lab Pb Fort	8	< 0.005 uCi
3	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1887-168 Activity **10 mCi** Calib. Date 5/1/16	Hot Lab Floor	-3	< 0.005 uCi
4	**Co-57 Flood Standard** Model No. MED3709 Serial No. 1789-087 Activity **10 mCi** Calib. Date 3/1/15	Hot Lab Floor	14	< 0.005 uCi

INSTRUMENTATION: LUDLUM Model 2200 Scaler Ratemeter; SN 122548

Background = 210 cpm

Cesium-137 Button Source, SN 0695 3356 500-10					
	activity on	**1.000** uCi 1/1/01			
Decay Factor	Calculated DPM	Measured net CPM	Cs-137 Efficiency	LLD 2.2√bkg/eff	
0.6772	1503484.0	31165.0	2.07%	221.4	dpm

Completed By:

William Roch
Medical Heatlh Physicist

Reviewed By:

Robert M Smith, MD
Radiation Safety Officer