

May 2, 2019

UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III, Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: Additional information for NRC License No. 21-13562-01
Control Number: 611248

Dear Ms. Casey:

Here is the additional information that was requested in the letter dated April 30, 2019.

1. Please find the enclosed sealed source leak tests. Please note: Crittenton Hospital Medical Center – Internal Medicine and Cardiology was the name of the facility. The license was under: Ascension Crittenton.
2. The Ludlum GM Model 14C S/N 24262 was calibrated on October 2, 2018. The original report stated the date that the annual calibration would be due, not the date of the calibration.
3. Please find the enclosed waste disposal record for the decay in storage.

Thank you for your cooperation with this matter. If you have any questions or require additional information please contact our physics consultant, Michelle Kritzman, at (734) 662-3197 or by email at mkritzman@mpcphysics.com.

Sincerely,



Michelle Kritzman
Nuclear Medical Physics, DABR
Medical Physics Consultant for Ascension Crittenton



Sealed Source Leak Test

Licensee: Crittenton Hospital Medical Center- Int Med & Card

Date: 09/17/18

Performed by: Michelle Kritzman

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	215uCi	07/13/88	Hot Lab	NES-356	S356008-19
Current Activity: 107.02uCi						
Co-57	Flood	10mCi	08/23/15	Hot Lab	BM02-10	BM02101520510
Current Activity: 0.568mCi						

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The leak test wipes were analyzed using instrumentation capable of detecting 185 Bq (0.005 uCi) radioactivity on the wipe.

RADIATION SAFETY OFFICER: _____

IN HOUSE STORAGE AND DISPOSAL RECORD

STORAGE			DISPOSAL					
Radionuclide & Type of Material	Date Stored	Suggested Removal Date (10 1/2-lives)	BKG. check (mR/hr)	Surface Survey (mR/hr)	Instrument Used	Date Disposed	Name	
Tc ^{99m} needles/caths	1-8-13	2-8-13	0.02	0.02	Zudlem	4-23-13	OWing	
Tc ^{99m} needles/caths	4-23-13	5-23-13	0.04	0.03	Zudlem	9-4-13	OWing	
Tc ^{99m} needles/caths	9-4-13	10-4-13	0.02	0.02	Zudlem	4-2-14	OWing	
Tc ^{99m} needles	3-19-14	4-19-14	0.02	0.02	Zudlem	4-22-14	OWing	
Tc ^{99m} needles	4-22-14	5-22-14	0.01	0.02	Zudlem	6-10-14	OWing	
Tc ^{99m} needles	5-22-14	6-22-14	0.02	0.02	Zudlem	1-14-15	OWing	
Tc ^{99m} needles	1-14-15	2-14-15	0.02	0.02	Zudlem	7-8-15	OWing	
Tc ^{99m} needles	7-8-15	8-6-15	0.02	0.02	Zudlem	1-6-16	OWing	
Tc ^{99m} cath. needles	1-6-16	2-6-16	0.23	0.03	Zudlem	5-24-16	OWing	
Tc ^{99m} Jazak Phantom	disposed via septic					9-30-16	Jh	
Tc ^{99m} sharps	7-12-17	7-15-17	0.02	0.02	24262	5-9-18	Boblett	
Tc ^{99m} sharps	6-6-18	6-18-18	? disposal					Dal / saw it
Sharps	8-22-18	9-1-18						
Sharps	1-15-19	1-15-19	0.02	0.01	Zudlem	1-15-19	OWing	

9/14/16

12/13/16

1/6/17
1/13/17
1/20/17
1/27/17

1/15/19

Casey, Colleen

From: Shelli Kritzman <mkritzman@mpcphysics.com>
Sent: Tuesday, May 14, 2019 4:46 PM
To: Casey, Colleen
Cc: Amber Matthews; Tereasa Bacus
Subject: [External_Sender] RE: Ascension Crittenton - RFAI letter
Attachments: Closeout Stewart additional information 04-19.pdf

I was contacted that the document was too dark for review. I have attached a pdf copy of the request for your review.

Thank you,

Shelli

If you have any questions and/or concerns regarding this message please contact me.

Michelle L. Kritzman, M.S.
Nuclear Medical Physics, DABR

Medical Physics Consultants, Inc.
214 E. Huron St
Ann Arbor, MI 48104

(734) 662-3197 (Office)
(734) 662-9224 (Fax)
(734) 637-2408 (Cell)

From: Casey, Colleen [mailto:Colleen.Casey@nrc.gov]
Sent: Tuesday, April 30, 2019 8:53 PM
To: Shelli Kritzman
Subject: Ascension Crittenton - RFAI letter
Importance: High

Dear Shelli,

Attached is a letter requesting some additional information in order for us to approve the removal of the location of use for this licensee at 42370 Van Dyke, Sterling Heights, MI. We are sending the original hard copy to the RSO, Dr. Kalapparambath and this copy to you as a courtesy.

We are not asking for much information and we are asking for a short turnaround time, by close of business this Friday, if at all possible. My letter explains everything.

I am working Wed. May 1, 2019, a briefly the morning of Thursday May 2, 2019, but teleworking from home that morning only. I'm scheduled out of the office the rest of Thursday and all day Friday. I'm back in the office Monday, May 6, 2019, which is when this case is due.

If you want to speak with me about the response [matth](#) timeframe or the information needed, please email me and schedule a call. There is one other issue, unrelated to this close out survey but affecting this license, that I'd like to discuss with you, so a phone call is a good idea.