

U. S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

License Number 24-32642-01


Dear Materials Licensing Section:

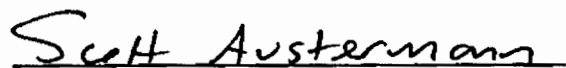
We this is an amendment to our license Per part 35.19 (e) addressing the following changes:

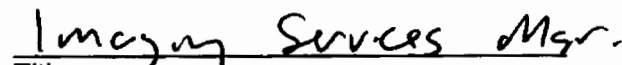
§ We have closed the former Nuclear Medicine Department. Included is a close out survey to have this area removed from our RAM license and released for unrestricted use. All radioactive materials have been removed from the location. An ambient survey was performed with a gm survey meter on 6-23-2017. There were no exposures that exceeded **0.02 mR/hr (BKG)**. All test smears were negative for removable contamination. Constancy tests were performed on both the G.M. meter and the well counter and both were within 10% of expected values. G.M. surveys were taken on the most sensitive scale. No RAM has been used in this area since the date of the close out survey. The unsealed radiopharmaceuticals used in this area were Tc-99m & Tl-201. No 35.300 materials have been used. The sealed sources are now maintained in our current Nuc Med Hot Lab.

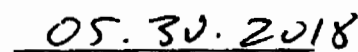
If you have any question on this request, please contact us at (636) 798-2250.

Sincerely,


Signature


Name


Title


Date

Enclosure

Facility: Progress West Healthcare Center

Survey Instrument: Ludlum G.M. S/N: 230079

Calibration date: 6.19.17

Check source reading: 1.20 mr/hr

Wipe test analyzer: Capintec Caprac S/N: 001932

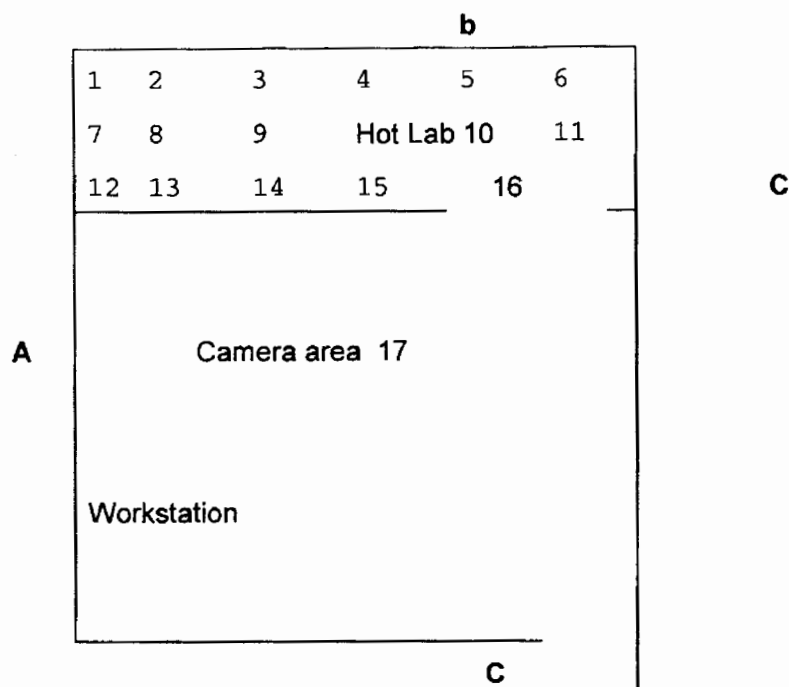
Constancy check: 246,800 cpm

MDA: 0.0004 uCi

Efficiency: 78%

Bkg: 329 cpm = 421 dpm

ADJACENT AREAS	A) Employee locker room	B) Soiled Utility	C) Corridor	D) Stress lab
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1/8" = 1 foot North

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G.M. results in mr/hr

1). Well counter: 0.00	2). Prep area: 0.00	3). Dose Calibrator: 0.00	4). Counter: 0.00
5). Sink: 0.00	6). Counter: 0.00	7). Floor: 0.00	8). Floor: 0.00
9). Floor: 0.00	10). Floor: 0.00	11). Floor: 0.00	12). Computer: 0.00
13). Computer: 0.00	14.) Waste Storage: 0.00		15). Entry door: 0.00

Well Counter results in dpm

1). Well counter: 0.00	2). Prep area: 0.00	3). Dose Calibrator: 0.00	4). Counter: 0.00
5). Sink: 0.00	6). Counter: 0.00	7). Floor: 0.00	8). Floor: 0.00
9). Floor: 0.00	10). Floor: 0.00	11). Floor: 0.00	12). Computer: 0.00
13). Computer: 0.00	14.) Waste Storage: 0.00		15). Entry door: 0.00

All results were below BKG and are recorded as 0.00

MEDICAL PHYSICS SURVEY SEALED SOURCE LEAK TEST ANALYSIS

FACILITY: Progress West Healthcare Center
DEPARTMENT: Nuclear Medicine

LOCATION: O'Fallon, Missouri
Test performed by: AMP Lic #: 032207800001

Analysis of the WIPE used to conduct a leak test on the sealed sources identified below was performed by gas or scintillation detection and reveals removable contamination was less than 0.005 uCi, unless otherwise noted, when compared against NIST traceable standards.

Source: Cs-137, 246 uCi, 5.1.07, S/N: 1218-60-6.				Source: Co-57, 10 mCi, 4.1.17, S/N: 1935-059			
Date:	1.29.18	7.5.17	1.24.17	Date:	1.29.18	7.5.17	
Wipe No.:	272	3375	2426	Wipe No.:	274	3377	
MDA (uCi):	2.0 E-4	2.0 E-4	2.0 E-4	MDA (uCi):	3 E-5	3 E-5	
Net CPM:	7	8	16	Net uCi:	4	1	
Net uCi:	< MDA	< MDA	< MDA	Net uCi:	< MDA	< MDA	
CPM for 0.005 uCi:	1,500	1,500	1,500	CPM for 0.005 uCi:	10,160	10,160	
Analyst:	MB	MB	MB	Analyst:	MB	MB	

Source: Ba-133, 278 uCi, 9.5.06, S/N BM0633-006-21				Source: Co-57, Blank			
Date:	1.29.18	7.5.17	1.24.17	Date:			
Wipe #:	273	3376	2427	Wipe No.:			
MDA (uCi):	9.0 E-5	9.0 E-5	9.0 E-5	MDA (uCi):	3 E-5		
Net cpm:	10	9	35	Net uCi:			
Net uCi:	< MDA	< MDA	< MDA	Net uCi:	< MDA		
CPM for 0.005 uCi:	4,327	4,327	4,327	CPM for 0.005 uCi:	10,160		
Analyst:	MB	MB	MB	Analyst:	MB		

SEALED SOURCE INVENTORY

Nuclide:	Cs-137	Ba-133	Co-57	Blank
Type:	Vial	Vial	Flood	
Location:	Hot Lab	Hot Lab	Hot Lab	
Assay:	246 uCi	278 uCi	10 mCi	
(Date)	5.1.07	9.5.06	4.1.17	
Mgr:	E&Z	Bench/Mark	E&Z	
Serial No.:	1218-60-6	BM0633-006-21	1935-059	
Model:	Vial	Vial	MED3709	
Date:				Initials
1.29.18	X	X	X	MB

X - INDICATES SOURCE INVENTORIED
1 - Source not inventoried/could not locate
2 - Source in long-term decay storage area
3 - Returned to vendor
A - Decayed 10 half-lives, monitored with a survey meter and determined to be at background. Disposed of in routine trash.

RSO Signature _____

Gryglak, Magdalena

From: Scott Austermann <scott.austermann@bjc.org>
Sent: Wednesday, May 30, 2018 11:19 AM
To: Gryglak, Magdalena
Subject: [External_Sender] Follow Up Need for PWH
Attachments: NRC Follow Up PWH Lab.pdf

Importance: High

Scott A. Austermann

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ProgressWest
Hospital

BJC HealthCare

