



Date: 10/02/2013

United States Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: USNRC Materials License No. 1324706-01

Dear Sir/Madam:

The Heart Group, P.C., wishes to amend its radioactive materials license. We wish to remove the following physical address as a location of use on our materials license: **415 West Columbia Street, Evansville, IN 47710.**

All sealed sources (with exception of one exempt quantity Cs-137 rod source and one exempt quantity Cs-137 button source) have been shipped to our local Radiopharmacy to the following licensed address in Henderson, KY: **(The Heart Group, P.C., 1138 N. Elm St., Henderson, KY 42420).** The Heart Group, P.C., will maintain administrative control of these sealed sources as this is our satellite office in Henderson, KY. The sealed sources at this location have been received and are stored in a locked restricted access closet that contains the appropriate shielding. This locked area is located on the KY radioactive materials license as a restricted area. Radiation exposure levels in all adjacent areas are at background levels. The two exempt quantity Cs-137 QC sources have been transferred to the hot lab at our other address of use located at **4007 Gateway Blvd, Suite 100, Newburgh, IN 47630.**

Deaconess office & Administration
415 W Columbia St.
Evansville, IN 47710

Gateway Office
4007 Gateway Blvd.
Suite 100
Newburgh, IN 47630

Gateway 2 Office
4015 Gateway Blvd.
Suite 2120
Newburgh, IN 47630

Henderson Office
1138 North Elm Street
Henderson, KY 42420

812-464-9133
800-432-7868

All radioactive waste involving radiopharmaceutical use at the West Columbia Street location involved Tc-99m and TI-201 cardiac products only. The waste was held for decay for minimum of ten half-lives and was indistinguishable from background exposure rate levels and thus was disposed of in the appropriate manner. There is no radioactive material of any form at the West Columbia Street location.

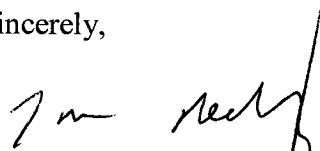
Please find the attached results of a radiation exposure rate and contamination survey performed at this location on **10/2/2013**, along with a facility diagram. Based on the results of this survey, we ask that the USNRC remove this address from our USNRC materials license as an area of use. All future USNRC correspondence should be sent to our address of use at **4007 Gateway Blvd, Suite 100, Newburgh, IN 47630**

We have also included a copy of the most recent sealed source inventory and leak test results from the West Columbia Street location. None of these sealed sources on this inventory have any history of leakage.

RECEIVED OCT 17 2013

If you have any questions or require additional information, please feel free to contact me by any means available to you at any of the contact information noted below or you may contact our medical nuclear physicist Will Breeden at 317/223-3022. In the meantime have a pleasant day.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Michael Neahring". The signature is fluid and cursive, with a long, sweeping line extending from the end of the name.

J. Michael Neahring, MD
Radiation Safety Officer
812/464-9133

THE HEART GROUP, P.C. CLOSE-OUT SURVEY RESULTS **10/02/2013**

USNRC LICENSE # 13-24706-01

SURVEY LOCATION	Exposure Rate (mR/hr)	Wipe Test Results (dpm/100cm ²)
1	0.03	14.79
2	0.03	less than background
3	0.03	less than background
4	0.04	31.1
5	0.03	less than background
6	0.04	less than background
7	0.03	5.3
8	0.03	less than background
9	0.04	less than background
10	0.03	less than background
11	0.03	less than background
12	0.02	26.0
13	0.02	less than background
14	0.03	less than background
15	0.03	less than background
16	0.03	less than background
17	0.02	4.2
18	0.02	less than background
19	0.03	less than background
20	0.03	less than background
21	0.02	17.3
22	0.03	13.2
23	0.03	less than background
24	0.04	less than background
25	0.04	less than background
26	0.03	less than background
27	0.03	less than background
28	0.02	less than background
29	0.02	less than background
30	0.03	less than background
31	0.04	21.4
32	0.03	3.5
33	0.02	less than background
34	0.03	less than background
36	0.03	less than background
37	0.03	less than background
38	0.03	less than background

Background: 0.04 mR/hr

306cpm (342dpm/100cm²)

Equipment

-Biodex 14C S/N: 141928 Cal Date: 6/12/2013 Next Cal Date: 6/12/2014

-Capintec CAPRAC Well Counter: S/N: 001179 Cal Date: 3/27/2013 Next Cal Date: 3/27/2014

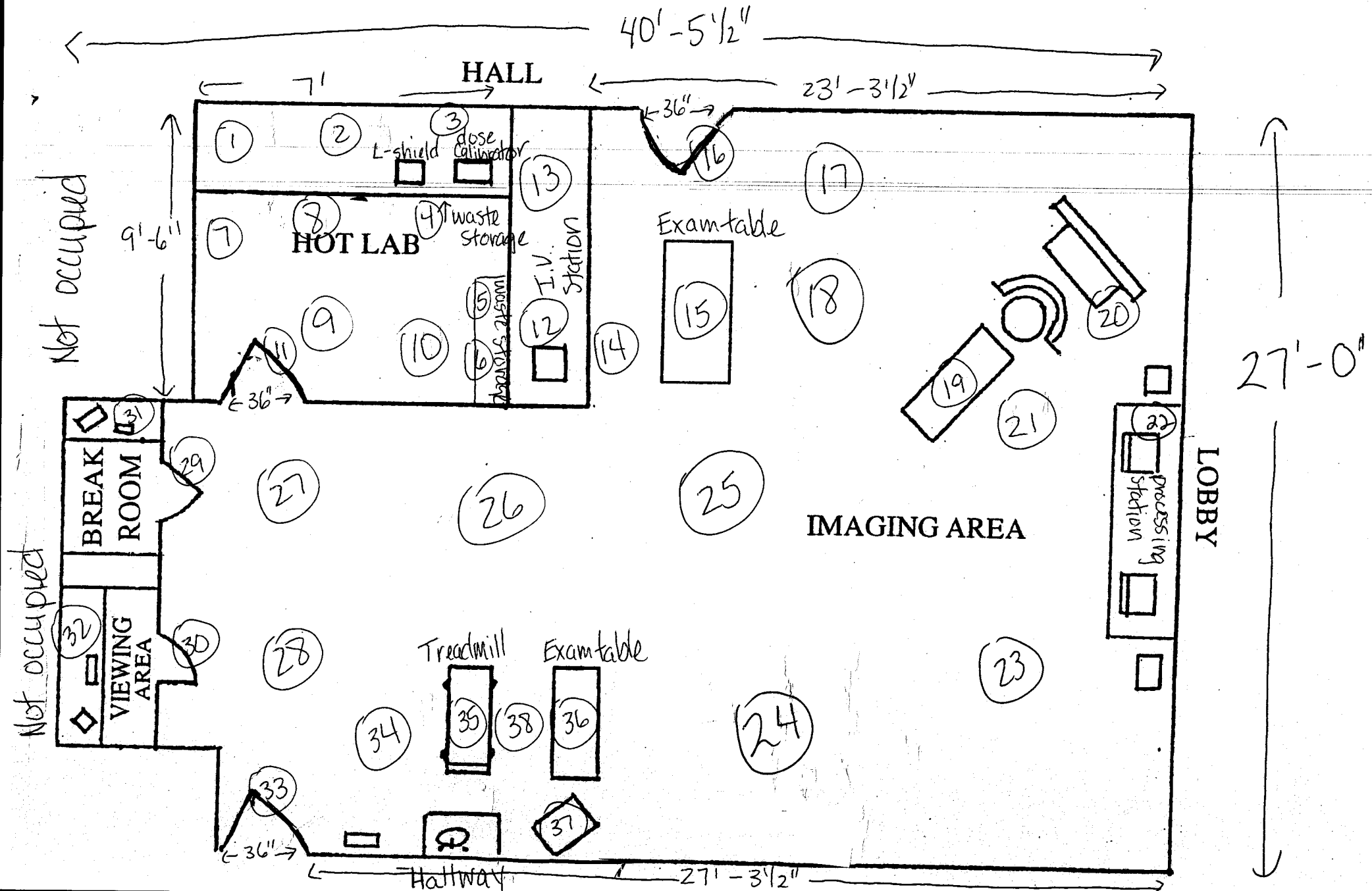
89.28% Detector efficiency MDA: 96 dpm

SEE ATTACHED DIAGRAM

Lynn Moers, CNMT

THE HEART GROUP NUCLEAR DEPT.

415 W. COLUMBIA ST. EVANSVILLE, IN 47710




Medical Physics Survey Sealed Source Inventory

Facility:	The Heart Group (West Office)	Department:	Nuclear Medicine
Location:	Evansville, Indiana	Date:	6/28/13

Nuclide	Activity	Date	Model	Serial No	Type	Location	Present
Cs-137	1.0 mCi	7/1/75	-	045-56A	Dose Calibrator Vial	Hot Lab	Yes
Cs-137	0.1092 uCi	2/1/02	IPL	851-20-2	Rod	Hot Lab	Yes
Cs-137	1.0 uCi	11/97	-	3358	Button	Biodex Survey Meter	Yes
Co-57	428 MBq	7/2/93	EHS-D40	232/2193	Flood	Hot Lab (Storage)	Yes
Co-57	5.5 mCi	4/24/95	NES 206	S206085-094	Dose Calibrator Vial	Hot Lab (Storage)	Yes
Co-57	10 mCi	4/1/12	MED 3709	1585-191	Flood	Hot Lab	Yes
Co-57	5.194 mCi	4/1/98	IPL	584-23-43	Dose Calibrator Vial	Hot Lab (Storage)	Yes

Ambient Exposure Reading: 0.06 mR/hr for all sources using Ludlum 14C S/N:83522


Radiation Safety Officer


William K Breeden, III, MS, DABR
Medical Nuclear Physicist

Report Date: July 5, 2013
Facility: The Heart Group (West)

State License Number: R0347-82
USNRC License Number: 13-24706-01

Source Identification:

Radionuclide: Cobalt-57
Calibrated Activity Date: 04/01/12
Calibrated Activity: 10 mCi
Manufacturer: Not Provided
Serial Number: 1585-191
Model Number: MED 3709
Source Description: Flood Source

Assay Results:

Counting Efficiency: 0.762 cpm/dpm, 1691543 cpm/uCi
MDA: 102 dpm, 78 cpm, 0.00005 uCi
Background @ time of assay: 318
(cpm)

	Gross cpm	Net cpm	DPM	Activity (uCi)
Dry Wipe	289	0	0	0.00000

Instrument used for Analysis: Ludlum Well Counter
M/N: 2200
S/N: PR198663

Analysis Results: Source is not leaking at this time.
Removable contamination is <0.005 uCi

Next Leak Test Due: December-13

Leak Test Performed By: William K. Breeden, III, MS, DABR

June 28, 2013 *Edward E. Wroblewski* 7/5/13

Analysis Performed By: Edward E. Wroblewski, MA, DABSNM

July 5, 2013

[Signature]

Radiation Safety Officer (signature)

Report Date: July 5, 2013
Facility: The Heart Group (West)

State License Number: R0347-82
USNRC License Number: 13-24706-01

Source Identification:

Radionuclide: Cs-137
Calibrated Activity Date: 07/01/75
Calibrated Activity: 1.0 mCi
Manufacturer: Not Provided
Serial Number: 045-56A
Model Number: Not Provided
Source Description: Dose Calibrator Vial Source

Assay Results:

Counting Efficiency: 0.2639 cpm/dpm, 585946 cpm/uCi
MDA: 295 dpm, 78 cpm, 0.00013 uCi
Background @ time of assay: 318 (cpm)

	Gross cpm	Net cpm	DPM	Activity (uCi)
Dry Wipe	289	0	0	0.00000

Instrument used for Analysis: Ludlum Well Counter
M/N: 2200
S/N: PR198663

Analysis Results: Source is not leaking at this time.
Removable contamination is <0.005 uCi

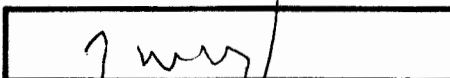
Next Leak Test Due: December-13

Leak Test Performed By: William K. Breeden, III, MS, DABR

June 28, 2013

Analysis Performed By: Edward E. Wroblewski, MA, DABSNM

July 5, 2013



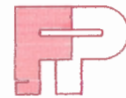
Radiation Safety Officer (signature)

THE HEART GROUP, P.C.
415 W. COLUMBIA STREET
EVANSVILLE, IN 47710

CERTIFIED MAIL™



7012 3050 0000 8552 5566



US POSTAGE
\$ 06.31

Mailed From 47710

10/07/2013

031A 0005180518



United States Nuclear Regulatory Committee
Region III
2443 Warrenville Rd, Suite 210
Lisle, IL 60532-4352