

Beaumont® | HEALTH SYSTEM

July 18, 2012

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

Amendment Request to NRC License No. 21-01333-01

Dear Reviewer:

Please delete the following address listed under 10.E. from our NRC License 21-01333-01.

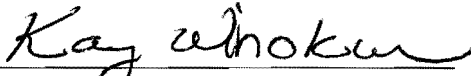
25631 Little Mack Avenue
Suite 201
St. Clair Shores, Michigan 48081

This facility was licensed for nuclear cardiology studies and no long lived radioactive material was used at this location. The close-out survey for this location is attached.

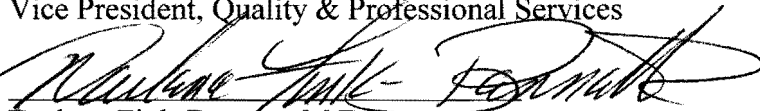
Sincerely,



Cheryl C. Schultz, M.S.
Corporate Radiation Safety Officer
248-551-0548



Kay Winokur
Vice President, Quality & Professional Services



Darlene Fink-Bennett, M.D.
Chairperson, Radiation Safety Committee

3601 W. Thirteen Mile Rd., Royal Oak, Michigan, 48073

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Radiological Physics Service, Inc.

3839 Napier Road
Plymouth, MI 48170
(734) 455-4730
Fax: (734) 453-8851

October 20, 2011

U. S. NUCLEAR REGULATORY COMMISSION
Region III
Materials Licensing Branch
2443 Warrenville Road, Ste 210
Lisle, IL 60532-4352

RE: Decommission of location 25631 Little Mack, Suite #201, St. Clair Shores, MI 48081
NRC License #21-01333-01

We request approval of a decommission and removal a single location [25631 Little Mack Suite #201 St. Clair Shores, MI 48081] on the NRC License #21-01333-01. The licensee #21-01333-01 St. Clair Shores location only has decommissioned and permanently closed.

All radioactive activities at the 25631 Little Mack, Suite #201 St. Clair Shores, MI 48081 location ceased at the end of business day October 6, 2011, the area was decommissioned or October 17, 2011 by Laura T. Smith, MS, DABR – Physicist. The location was only using Tc99m at the location and sealed sources for equipment quality control.

There were never any leaking sealed sources for this location. All sealed sources were accounted for, leak tested, and then transferred to another location on the same license #21-01333-01 Beaumont Grosse Pointe Nuclear Department, 468 Cadieux Street, Grosse Pointe MI 48230 both locations work under the same management. All sealed sources were accounted for after the transfer and re-leak tested, none were leaking.

All facility surveys and wipes tests prove to be below background measurements. A map of the decommissioned 25631 Little Mack, Suite #201 St. Clair Shores, MI 48081 facility is attached.

1. A comprehensive survey of the entire camera lab room, hot lab, patient stress lab room area, tech area, patient injection area, the attached echo room – where radioactive materials were not used, but was sometime frequented by patients, and hallways was performed using a recently calibrated GM end window survey meter. A battery, background, check-source, survey method was used, at the most sensitive setting. All survey results proved to be below background measurements. See results below and locations are corresponding to the map.
2. Wipe tests were counted in a CRC -15W SN#171758 well for 1 minute each.

Background = 0 dpm
Efficiency = 1.4dpm/cpm
Window = 0 - 600keV

Area/Location	CRC15W well	Survey Meter ludlum14C EWGM
Background	325 cpm	0.03mR/hour
1. Hot Lab entrance door	0 net cpm/dpm	0.03mR/hour
2. Hot Lab dose prep area	0 net cpm/dpm	0.03mR/hour
3. Hot Lab dose prep area	0 net cpm/dpm	0.03mR/hour

PHYSICISTS:

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SOUTH CAROLINA

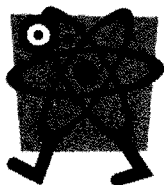
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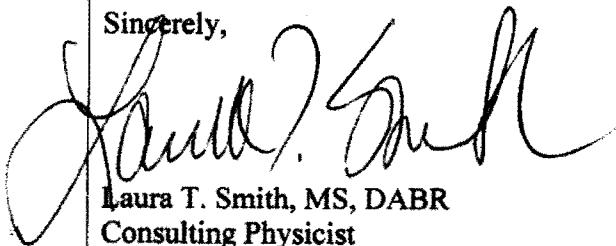
4. Hot Lab floor	0 net cpm/dpm	0.03mR/hour
5. Gamma Camera floor	0 net cpm/dpm	0.03mR/hour
5. Gamma Camera table	0 net cpm/dpm	0.03mR/hour
6. Stress lab treadmill floor	0 net cpm/dpm	0.03mR/hour
6. Stress lab treadmill	0 net cpm/dpm	0.03mR/hour
7. Stress room patient table	0 net cpm/dpm	0.03mR/hour
8. Surveys Hands/Feet	0 net cpm/dpm	0.03mR/hour
9. Tech work area	0 net cpm/dpm	0.03mR/hour
9. Tech work area	0 net cpm/dpm	0.03mR/hour
10. Patient room	0 net cpm/dpm	0.03mR/hour
11. Echo room	0 net cpm/dpm	0.03mR/hour (radiation never used in this area)
11. Echo room floor	0 net cpm/dpm	0.03mR/hour (radiation never used in this area)
12. Hallway	0 net cpm/dpm	0.03mR/hour (radiation never used in this area)
12. Hallway	0 net cpm/dpm	0.03mR/hour (radiation never used in this area)

All wipes were below our 2000 DPM limit; in fact they were all below background, which left 0dpm results. All wipe areas were also surveyed with a GM survey meter and all areas recorded less than 0.03 mR/hr.

3. All RAM labeling on the exterior windows walls was demarcated and removed.
4. All leak testing was background, no sealed sources were found leaking. All sealed sources were counted and confirmed and inventoried. All sealed sources were then transferred by Laura T. Smith, MS, DABR the site physicist to the same licensed location at Beaumont Grosse Pointe Nuclear Department, 468 Cadieux Street, Grosse Pointe, MI 48230. At the new location the sealed sources were again counted, confirmed inventoried and then leak tested, again all were accounted for and no sealed sources were leaking. Inventories and leaks tests for before and after move are attached.
5. There was only decayed to background syringes in radioactive waste storage, and those were also surveyed by Laura Smith site physicist, and then demarcated and placed in regular sharpie collection.
6. All radio pharmacy transport cases were empty, and surveyed at background, then transferred by Laura T. Smith, MS, DABR – physicist to the new location at Beaumont Grosse Pointe Nuclear Department, 468 Cadieux Street, Grosse Pointe, MI 48230.

If there are any further questions please contact our physicist, Laura T. Smith, MS, DABR at (586) 215-5947.

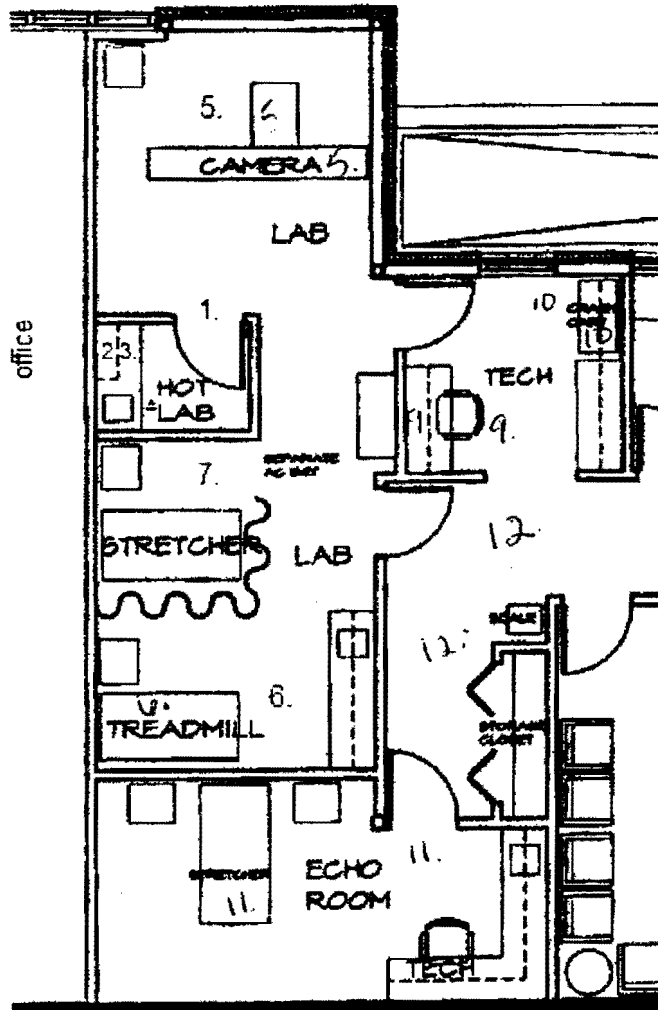
Sincerely,



Laura T. Smith, MS, DABR
Consulting Physicist

Braunmatt SCS
 Academic Heart & Vascular, PLLC
 25631 Little Mack, Ste #201
 St Clair Shores, MI 48081

Outside



1. Floor
2. Dose Calibrator
3. L-Shield
4. Waste Storage
5. Camera
6. Treadmill
7. Stretcher
8. Hands/ Feet

01-78060

Beaumont | HEALTH SYSTEM

Beaumont Hospital, Royal Oak
3601 West 13 Mile Road
Royal Oak, MI 48073-6769

CERTIFIED MAIL™



7008 2810 0000 1060 6425



**RETURN RECEIPT
REQUESTED**

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

