



BON SECOURS COTTAGE

HEALTH SERVICES 

468 Cadieux Road

Grosse Pointe, Michigan 48230

(313) 343-1000

August 13, 2004

Nuclear Regulatory Commission
Region III
Materials Licensing Branch
2443 Warrenville Road, Ste 210
Lisle, IL 60532-4352

RE: Licenses Amendments for #21-16868-01 and 21-16425-01

This letter is to notify you of the decommission of the Bon Secours Cottage Diagnostic Center Nuclear facility located at: 21400 Eleven Mile Road, St. Clair Shores, Michigan. The decommission was performed by Laura T. Smith MS, DABR, on July 23, 2004 – see attached.

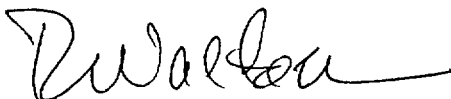
The second request of this letter is for a license amendment to combine license #21-16425-01 (Bon Secours Cottage Health Services) into license #21-16868-01 (Bon Secours Cottage Health Services). The 21-16868-01 license should be the primary license, incorporating the secondary 21-16425-01. Both licenses are under the same management, administration and ownership.

Dr. Richard Walton will remain the RSO at both site and please merge so there is assurance of the completion of Authorized Users from both site on the single license.

The third request of this license amendment is we request to cease our requirements to perform wipe tests the end of the week – for all site locations on this combined license. We request to wipe test only when a daily survey indicates trigger levels are exceeded and a test for removable contamination is required.

If there are any questions regarding please contact Laura T. Smith, at 586-716-8885 or cell phone 586 215-5947, or Ken Brunell of Bon Secours Cottage Health at 313 343-1636.

Sincerely,



Richard Walton
Radiation Safety Officer

Radiological Physics Service, Inc.

3839 Napier Road – Plymouth, Michigan 48170 (734) 455-4730 fax: (734) 453-8851

Date: July 26, 2004

RE: Bon Secours Cottage Diagnostic Center – SCS
21400 11 Mile Road, St Clair Shores, MI 48081, Close-out Survey

A close-out survey for the Nuclear facility located Bon Secours Cottage Diagnostic Center - SCS was performed by Laura T. Smith MS, DABR, on July 23, 2004. Tc-99m and TI-201 were the only indicated isotopes ever used for the facility. All surveys and wipes tests were proven to be below background measurements. It is noted that no radioactive material patients were injected at this facility since 6/8/2004.

The following decommission methodology was performed:

1. A comprehensive survey of the entire Nuclear Medicine Imaging/Hot Lab Area and Stress Lab area was performed using a Geiger Muller end window survey meters. A battery, background, check-source, survey method was used, at the most sensitive setting. All survey results proved to be at or below background measurements (Background = 0.03 mR/Hr). A map of the area is attached. The following meter were used:

a. Biodex 14C #051-014 SN 141921

Special survey attention was noted to Hot Lab area, trash containers, keyboards, phone, treadmill, EKG machine, desk, patient tables, floor, door knobs, light switches and a countertops.

2. Wipe tests were performed on fourteen locations (indicated on attached map). Wipe tests were counted per departmental wipe test procedures in Capintec Caprac Well counter. All wipe tests results were proven to be below background measurements. Special survey attention was noted to Hot Lab area, trash containers, keyboards, phone, treadmill, EKG machine, desk, patient tables, floor, door knobs, light switches and a countertops.

3. Waste Disposal of syringes survey at 0.02 mR/hour, with the Biodex GM meters, Background = 0.03 mR/Hr. The sharpe container waste receptacle was demarcated , documented in log book and disposed of in the Facilities Biomedical Waste receptacle.

4. All of the departments nine sealed sources (including the spot source on the meter – see attached list) were accounted for and wipe tested. All sealed sources were below background levels. All sealed sources were then transferred to Cottage Hospital, (License # 21-16425-01) which is affiliated with the Bon Secours Cottage Health System.

Map is attached

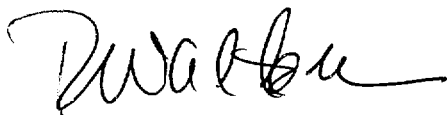
1. Hot Lab – Dose Prep Area Floor = -142 cpm = 0
2. Hot Lab – Dose Prep Area Countertop = -190 cpm = 0
3. Hot Lab - Radioactive storage Area = -280 cpm = 0
4. Hot Lab – Floor = -199cpm = 0
5. Hot Lab - Injection Stand, Chair and Countertop = -196cpm = 0
6. Imaging Room Camera and Patient Table= -42cpm = 0
7. Imaging Room Computer and Camera Console= -281 cpm = 0
8. Imaging Room Camera Floor = -190 cpm = 0
9. Imaging Room Counter Top= -44cpm = 0
10. Imaging Room Floor= -268 cpm = 0
11. Stress Room -Treadmill and Floor area= -163cpm = 0
12. Stress Room - Patient Table= -226 cpm = 0
13. Stress Romm – EKG and room equipment= -238cpm = 0

This concludes the close-out survey for Bon Secours Cottage Diagnostic Center – SCS
21400 11 Mile Road, St Clair Shores, MI 48081 Nuclear Facility.

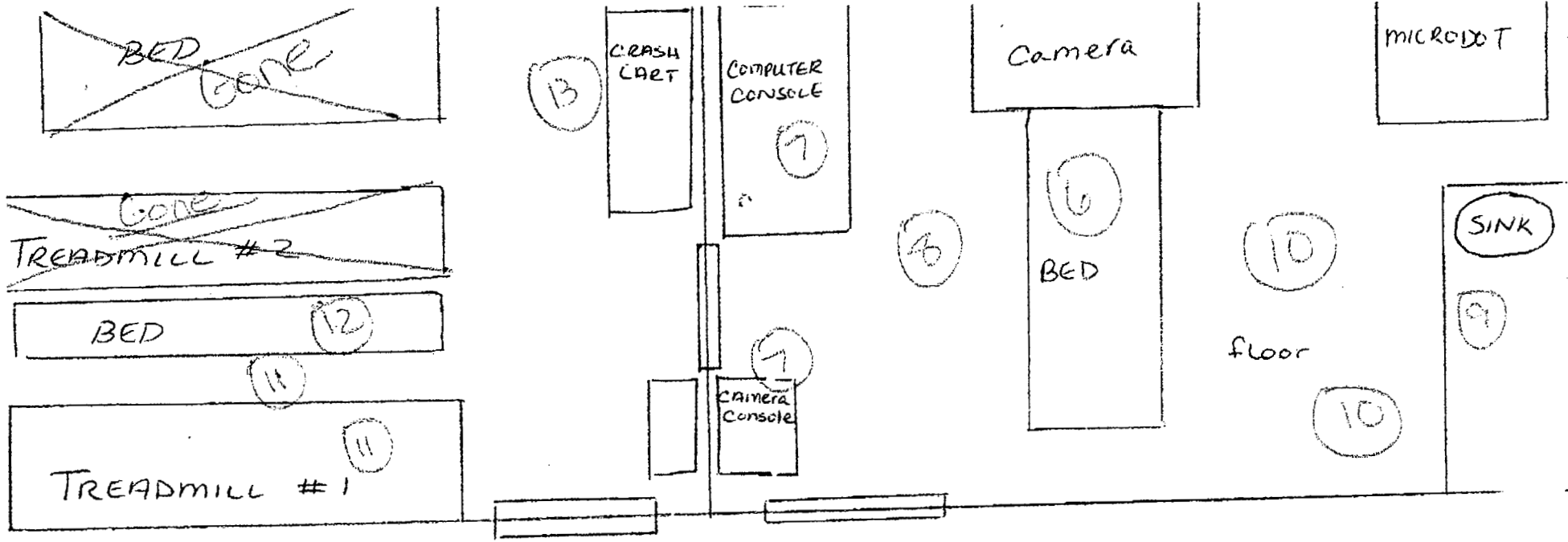
Please adjust our license (21-16868-01), with the decommission of this site.

If there are any further questions please contact survey nuclear medical physicist Laura
T. Smith, MS, DABR at (586) 716-8885 or BSCHS Cottage Radiology manager – ~~Gary~~
~~Stoykovich~~ (313) 640-2182
Ken Brunell 343-1636.

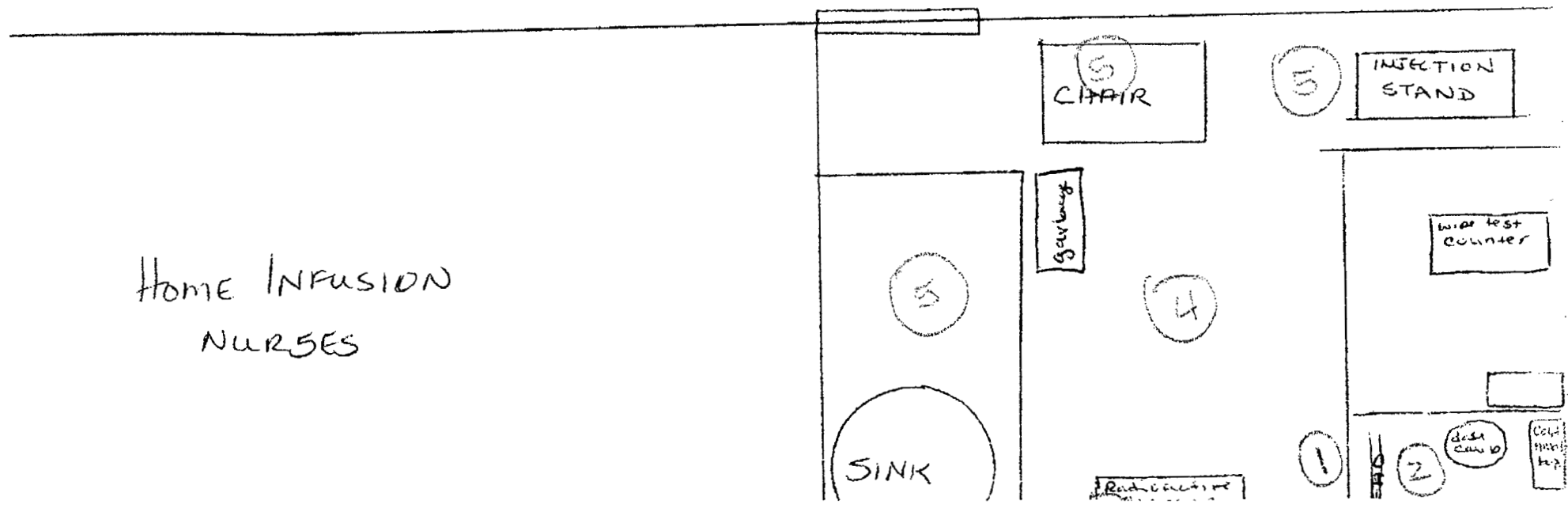
Sincerely,



Dr. Richard Walton
BSCHS Radiation Safety Officer



NUCLEAR MEDICINE + STRESS LAB



Location: Bon Secours Cottage Diagnostic Center - SCS

Date of Inspection: June 4, 2004

SEALED SOURCE INVENTORY

Naclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
✓ Co-57	flood	Hot Lab	10 mCi	01/01/03		NES-392	939-164
✓ Cs-137	vial	Hot Lab	276.2 uCi	03/01/83		CDC.VI	3363 MA
✓ Ba-133	vial	Hot Lab	291.3 uCi	08/01/83		BDC.VI	2239 MA
✓ Co-57	flood	Scan	10 mCi	02/28/98		NES-392	S39270904
✓ * Co-57	vial	Storage	10.8 mCi	02/06/98		NES-8206	S8206034003
✓ Cs-137	button	Meter	1 uCi	11/97			3104
✓ Cs-137	button	Hot Lab	500 nCi	04/01/98			587-63-1
✓ Co-57	button	Storage	50 uCi (4)	04/15/97			Lot 56139
✓ Co-57	button	Hot Lab	50 uCi (4)	10/01/00			Lot 710173

* Placed in storage. Activity too low for valid regulatory accuracy.

RSO: _____

7/23/04 Z75ndP Physicist transferred
all inventory to Cottage # 2116425-01
MAB

L. Smith
50292 Rose Marie
Chesterfield, Mi
48047.



USNRC
Region III
Materials Licensing Branch.
2443. Warrendale Rd. Ste 210
Lisle, IL 60532-4352.

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