



Brattleboro Memorial Hospital
Caring for our Community

September 23, 2010

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U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415
License # 44-13760-01

03003294

Attention: Janice E. Nguyen
Health Physicist
Division of Nuclear Materials Safety

Dear Janice,

We would like to request an amendment to our Material License. Under section 6 letters C. Iodine 131 permitted by 10 CFR 35.300 we would like to increase our maximum amount that licensee may possess at any one time from 30 millicuries to 200 millicuries.

We are also requesting an amendment request to remove our old nuclear medicine wing and submit our re-survey results after the decommissioning. We are enclosing our wipe test and surveys performed which showed no level of contamination in the old hot lab or imaging suite. The area was released for unrestricted use.

Sincerely,

Barry Beeman

Hospital President and CEO
Brattleboro Memorial Hospital
17 Belmont Avenue
Brattleboro, VT 05301

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17 Belmont Avenue
Brattleboro, VT 05301
1-802-257-8256

**Final survey and wipe results (release of area for
unrestricted use)**

DATE OF WIPE/SURVEY RESULTS: November 14th, 2008
By Vicky Jelley, CNMT

LOCATIONS TESTED (KEYED TO ATTACHED DIAGRAM) for all isotopes used by
BMH

CAPRAC WIPE LOCATION

RESULTS	SURVEY (mr/hr)	WIPES (Net Cpm)
W-01 (Table/Gantry)	.01	0
W-02 (Injection area)	.01	11
W-03 (Computer Work Area)	.01	43
W-04 (Telephone)	.01	38
W-05 (Hot-Lab -mixing area)	.01	0
W-06 (Dose Calibrator)	.01	0
W-07 (Storage Area)	.01	26
W-08 (Floor-Hot lab doorway)	.01	11
W-09 (Bathroom)	.01	35
W-10 (Hot lab sink)	.01	17
W-11 (Waste Return Box)	.01	59
W-12 (I131 Box) none	n/a	n/a
W-13 (Ga-61 Citrate) none	n/a	n/a
W-14 (Co-57 Flood Sheet Source Box)	.01	2

CAPRAC UNRESTRICTED WIPE LOCATION

U-01 (Treadmill)	.01	0
U-02 (Floor)	.01	38
U-03 (Rails)	.01	0
U-04 (Mat)	.01	0

CAPRAC SEALED SOURCE WIPE LOCATION

S-01 (Cs 137 source Vial E)	.01	5
S-02 (Co-57 Sheet Source)	.01	53
S-03 (Co-57 Source Vial E)	.01	0
S-04 (Ba-133 Source Vial E)	.01	35

EQUIPMENT USED FOR TESTS

Model 14C Survey Meter # 85224
Atomic Products Corporation
Shirley New York

CHECK SOURCE 1.0MR/HR @ 1 METER

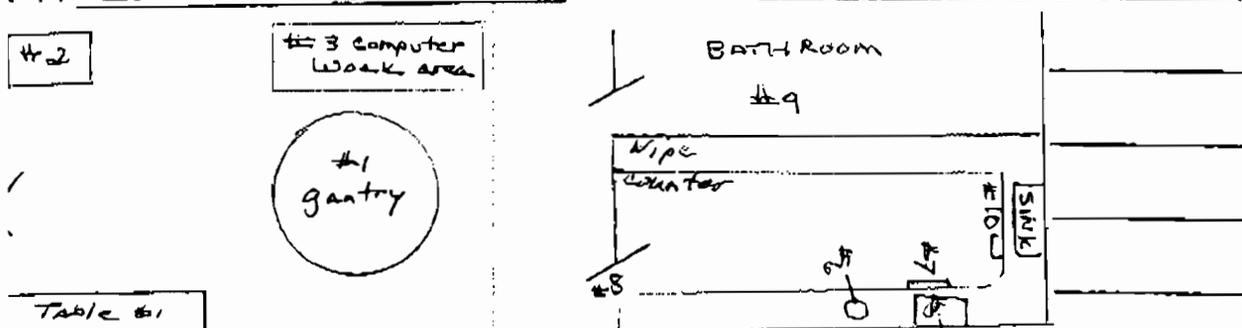
Capintec Caprac multichannel analyzer
Well Test Counter
Serial # 001123

CAPRAC™ Wipe Locations

- 01 Table / Gantry
- 02 Injection Stand
- 03 Computer Work Area
- 04 Telephone
- 05 Hot Lab - MIXING AREA
- 06 dose calibrator
- 07 Generator / STORAGE Area
- 08 Floor - Hot Lab doorway
- 09 Bathroom
- 10 Hot Lab Sink
- 11 Waste Return Box - TcO₄
- 12 ¹³¹I Box
- 13 ⁶⁷Ca Citrate Box
- 14 ⁵⁷Co Flood Sheet Source Box

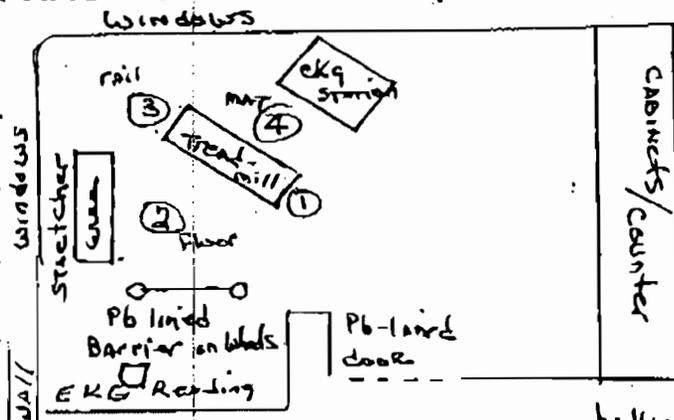
CAPRAC™ Sealed Source Wipe Locations

- S-01 ¹³⁷Cs source VIAL E
- S-02 ⁵⁷Co Sheet Source
- S-03 ⁵⁷Co source VIAL E
- S-04 ¹³³Ba source VIAL E
- W-31 _____
- W-32 _____
- W-33 _____
- W-34 _____
- W-35 _____
- W-36 _____
- W-37 _____
- W-38 _____



CAPRAC™ Unrestricted Wipe Locations

- 01 Treadmill
- 02 FLOOR
- 03 RAILS
- 04 MAT



EKG RM
3rd floor

belong to the Radiology Dept's Rm.

This is to acknowledge the receipt of your letter/application dated

9/23/10, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (44-13760-01)
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 573582.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader