

**Shore Radiology Galloway
400 So. Chris Gaupp Dr.
Galloway, NJ 08205**

Q-9 MS-16

October 13, 2005

NRC 475 Allendale
King of Prussia, Pa 19406

24-30737-01

RE # 137664

03036032

Dear Mr. Hammann:

As per your request I am sending you this letter with my signature to finalize the closure of our Nuclear Medicine Dept. located in Galloway NJ. If there is anything else I need to do please notify me. Thank you for your help in this matter.

Sincerely,


Peter Lieto
Radiology Manager

137664
NMSS/RGNI MATERIALS-002

CLOSE OUT SURVEY AND WIPE TEST RESULTS

Facility: **Shore Imaging Radiology**

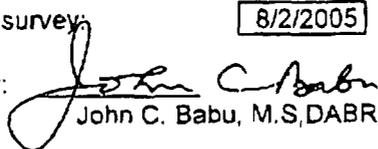
NRC Lic. # 29-30737-01

NJ Lic. #: NJSL-20807/01/001

Location: **400 South Chris Gaupp Drive
Galloway
NJ 08205**

Date of close out survey: 8/2/2005

Performed By:


John C. Babu, M.S, DABR

A close out survey in the Nuclear Medicine Department was performed on 8/2/05. All sealed sources were removed from the hot lab and transported to Shore Memorial Hospital's Nuclear medicine dept. (NRC License # 29-11642-01, NJSL Lic. # 7013101 026).

Equipment Used

Ambient radiation surveys are taken with a GM survey meter with window "open".

Survey meter used:	Ludlum
Model:	14 C
Scale:	0.01 mR/Hr to 2000 mR/Hr Pan cake Probe

Contamination wipes were taken with a wet cotton swab. Each wipe covers an area of about 100 sq.cm. Every effort is taken to include all the accessible area. Wipes from drainage and pipes are taken at the accessible entry of the conduits.

Wipes samples are evaluated with the following equipment.

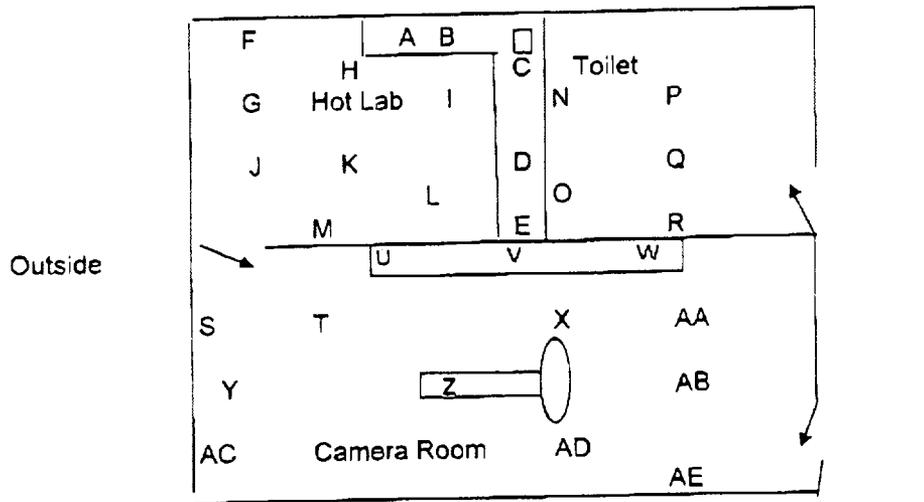
Wipes test counter:	Biodex
Model:	930
Detector used:	Well
Window:	Open (70 keV to 2000 keV)
Efficiency:	90%
Minimum detectable counts with 95 % confidence level:	134 DPM above background (based on 6/20/2005 test)

Isotope used at this location

Unsealed Radionuclides: Materials listed in 35.200

Sealed Radionuclides: Cs-137 and Co-57

Nuclear Medicine Dept. -Diagram not drawn on scale

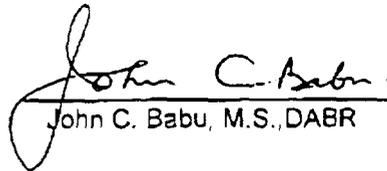


Survey meter used: Ludlum 14C with pancake Probe
 Well Counter: Biodex Atom lab 930
 Efficiency: 90.00% on "Other" window

Area	Survey Reading mR/Hr	Wipes CPM per 100 Sq. cm	Net CPM/ 100 Sq. cm	DPM/ 100 sq.cm
Background	0.04	348	XXXXXX	XXXXXXX
A	0.04	338	0	0
B	0.04	364	16	18
C	0.03	372	24	27
D	0.03	363	15	17
E	0.04	368	20	22
F	0.04	358	10	11
G	0.03	342	0	0
H	0.04	347	0	0
I	0.02	348	0	0
J	0.04	375	27	30
K	0.03	363	15	17
L	0.02	359	11	12
M	0.04	339	0	0
N	0.03	364	16	18
O	0.04	339	0	0
P	0.03	345	0	0
Q	0.04	347	0	0
R	0.03	384	36	40
S	0.03	383	35	39
T	0.04	354	6	7
U	0.04	349	1	1

Area	Survey Reading (mR/Hr)	Wipes CPM per 100 Sq. cm	Net CPM/ 100 Sq. cm	DPM/ 100 sq. cm
Backg.	0.04	348	XXXXXX	XXXXXXX
V	0.04	366	18	20
W	0.04	367	19	21
X	0.04	354	6	7
Y	0.03	389	41	46
Z	0.04	386	38	42
AA	0.03	368	20	22
AB	0.03	349	1	1
AC	0.03	342	0	0
AD	0.04	347	0	0
AE	0.04	366	18	20
Dose Calibrator:	0.03	379	31	34
L-Block	0.04	382	34	38
Well Counter.	0.03	381	33	37
Lead bricks	0.03	390	42	47
Storage containers:	0.04	387	39	43

Survey readings are acceptable, and removable contamination in all areas are less than 200 dpm/100 sq.cm.


John C. Babu, M.S., DABR

SEALED SOURCE LEAK TEST

Licensee: Shore Imaging Radiology
 400 S. Chris Gaupp Drive
 Galloway, NJ 08205

NRC Lic. # 29-30737-01

NJ Lic. #: NJSL -20807

Date Performed:

8/2/2005

Performed By:

John C. Babu
 John C. Babu, M.S., DABR

Instrument Capintec

Model & Serial No:

CRC 15W

Detector:

Well

Source	Manufacturer and Model #	Activity & Date	ROI Efficiency	Wipes CPM	Bkgd CPM	Net CPM	Remov. contam. in uCi
Co-57 Flood	MED 3709 51171	10 mCi 5/14/2004	Open 90.00%	280	175	105	5.26E-05
Cs-137 Vial	MED 3550 49447	219.1 uCi 3/1/2004	Open 30%	210	200	10	1.50E-05

Removable contamination for all sealed sources within limits:

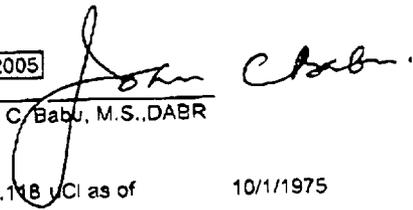
Yes

No

WELL COUNTER ANALYSIS

Licensee: Shore Radiology

Instrument Capintec
Model: CRC 15 W

Date: 8/2/2005
Performed By: 
John C. Babu, M.S., DABR

Cs-137 efficiency on cs-137 window

Isotope Used: Cs-137 Activity: 0.148 uCi as of 10/1/1975
Window: Open Thres: N/A
Source geometry and position: Rod source in "well"

Background 200 CPM

Count #1	40500 CPM	Net CPM	40300
Count #2	40450 CPM	Net CPM	40250
Count #3	40500 CPM	Net CPM	40300
Average Net CPM			40283.3333

Expected DPM 131431

Efficiency 0.31

Minimum Detectable Activity with 95% Confidence level:

1.01E-03 uCi

Co-57 Efficiency on Co-57 window

Isotope Used: Co-57 Activity: 0.1017 uCi as of 3/1/2004
Window: Open Thres: N/A
Source geometry and position: Rod source in "well"

Background 175 CPM

Count #1	54900 CPM	Net CPM	54725
Count #2	54800 CPM	Net CPM	54625
Count #3	55000 CPM	Net CPM	54825
Average Net CPM			54725

Expected DPM 59587

Efficiency 91.84%

Minimum detectable activity with 95% confidence level:

3.15E-04 uCi