Division of Nuclear Medicine and PET/CT 147-05 Elm Ave. Flushing, New York 11355

BY CERTIFIED MAIL

December 31, 2008

J-6

U.S. Nuclear Regulatory Commission Region 1 475 Allendale Road King of Prussia, Pennsylvania 19406-1415

Re: Doshi Diagnostic Imaging Services of New Jersey, LLC 991 Stewart Ave.
Bethpage, New York 11714

NRC Lic. # 29-30983-01 (03036784)

NRC Lic. # 29-30289-01 Tanim Man 3/20/2005. Man

NRC Lic. # 29-30289-02 (03034548)

NOTIFICATION IN CHANGE IN OWNERSHIP AND REQUEST TO TERMINATE ALL RADIOACTIVE MATERIALS LICENSES

Dear Sir/Madam,

In previous correspondence dated November 12, 2008 the NRC was notified of change of ownership and request to terminate the above referenced licenses. It was stated that all sealed sources would be removed from the facilities and that decommissioning and close out surveys would be done to officially close the nuclear medicine departments.

The sealed sources have been removed and all surveys which were done by consultant Radiological Physicists are completed.

Attached please find inventory of removed sealed sources, including disposal and leak test documentation, along with decommissioning and close out surveys from the Radiological Physicists.

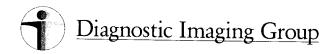
It is anticipated that this will complete the process for the termination of the licenses to become effective.

Thank you for your understanding and cooperation in this matter.

143012 /143013

991 Stewart Avenue, Bethpage, NY 11714 • 516-933-2800 • Fax: 516-393-6617 • www.doshidiagnostic.com

RECEIVE



For any additional information, I can be reached at 718-888-1568.

Very traly yours,

Eugene Hecht, R.T. / CNMT

Executive Vice-President, Nuclear Medicine

NRC License Administrator

cc: Mark Gelfand, Esq.



Service • Experience • Reliability

December 1, 2008

Mr. Gene Hecht Executive VP Nuclear Medicine Doshi Diagnostic Imaging 147-05 Elm Avenue Flushing, NY 11355

Dear Gene,

This letter is to acknowledge that Nuclear Diagnostic Products retrieved a total of twenty five (25) sealed sources from 3 Doshi Diagnostic Imaging sites (Cinnaminson, Absecon, & Cape May Court House) on November 25, 2008. I have attached the detailed list of the sources. I also performed leak tests on all of the sources. All leak test results were within normal limits (also attached). Finally, I have attached is the invoice for these services. Thank you for the opportunity to service your accounts.

Sincerely,

Michele Egberts
Radiation Safety Officer
Nuclear Diagnostic Products
Cherry Hill, NJ

2 Keystone Avenue, Suite 200 Cherry Hill, New Jersey 08003

(856) 489-5733 (856) 489-5736 Fax

### Radioactive Sealed Sources Removed From Doshi Accounts

Date: 11/25/08 Michele Egberts

<b>D</b> 0.101					
	Cal Activity	Cal Date	Serial#	Activity on 11/25	Leak Test Results
Doshi - Cape May					
Cs-137 Vial	9.753MBq	6/1/1997	A6830	7.491uCi	Less than 5nCi
Cs-137 Rod	96.8nCi	9/3/1997	FR-718	74.79uCi	Less than 5nCi
Co-57 Flood	10mCi	11/5/2007	117543	3.71mCi	Less than 5nCi
Co-57 Vial	234.5MBq	8/1/1997	A7157	0.005768mCi	Less than 5nCi
Co-57 Spot	50uCi	9/18/2006	BM03-57L-???	0.169uCi	Less than 5nCi
Co-57 Spot	50uCi	9/18/2006	BM03-57L-???	0.169uCi	Less than 5nCi
Co-57 Spot	50uCi	7/1/1997	099-289	0.001136uCi	Less than 5nCi
Co-57 Spot	50uCi	7/1/1997	099-289	0.001136uCi	Less than 5nCi

Doshi - Absecon					
Cs-137 Vial	9.131MBq	8/1/1996	A5276	6.88MBq	Less than 5nCi
Cs-137 Rod	500nCi	4/15/1996	?519496?	374.212 nCi	Less than 5nCi
Co-57 Flood	10mCi	3/15/2001	6022	0.007325mCi	Less than 5nCi
Co-57 Vial	5.31mCi	11/19/2007	BM06E-57-58-1	2.04mCi	Less than 5nCi
Co-57 Vial	5.572 mCi	4/1/2003	35643	0.028 mCi	Less than 5nCi
Co-57 Spot	50uCi	5/31/2008	BM0357L50573	31.66uCi	Less than 5nCi
Co-57 Spot	50uCi	5/31/2008	BM0357L50574	31.66uCi	Less than 5nCi
Co-57 Spot	55uCi	5/1/2005	64386	1.934uCi	Less than 5nCi
Co-57 Spot	50uCi	5/1/2005	64397	1.76uCi	Less than 5nCi
Co-57 Spot	55uCi	9/1/2001	11658	0.057uCi	Less than 5nCi
Co-57 Spot	55uCi	9/1/2001	11659	0.057uCi	Less than 5nCi

Doshi - Cinnaminson (Old Regional Radiology)					
Cs-137 Rod	3.683kBq	12/1/1999	B1214	2.996kBq	Less than 5nCi
Co-57 Flood	10mCi	7/16/2008	BM01103647	7.126mCi	Less than 5nCi
Co-57 Vial	5.721 mCi	11/1/2004	54384	0.1264mCi	Less than 5nCi
Co-57 Vial	7.536MBq	1/1/2000	B1444	0.00179MBq	Less than 5nCi
Co-57 Spot	1.85MBq	3/1/2000	W11976-1-13	0.0005MBq	Less than 5nCi
Co-57 Spot	50uCi	9/1/2002	BM03-50	0.1446uCi	Less than 5nCi

### Sealed Source Leak Test

Date: 11/25/08

Performed by:Michele Egberts

<u> </u>			1 On Onlinea By initiation Egyptito				
	Serial Number	BKG	Wipe	Net CPM	DPM / uCi		
Doshi- Cap	е Мау						
Cs-137 Vial	A6830	26	22	0	0/0		
Cs-137 Rod	FR-718	26	28	2	15.4dpm/ 6.9E-06uCi		
Co-57 Flood	117543	204	222	18	20.22dpm/ 9.1E-06uCi		
Co-57 Vial	A7157	204	257	53	56.18dpm / 2.5E-05uCi		
Co-57 Spot	BM03-57L-??	204	198	0		0	
Co-57 Spot	BM03-57L-??	204	198	0		0	
Co-57 Spot	099-289	204	198	0		0	
Co-57 Spot	099-289	204	198	0		0	

Doshi - Absecon							
Cs-137 vial	A5276	26	30	4	30.77dp	m/ 1.386	E-05uCi
Cs-137 Rod	?519496?	26	24	0			0
Co-57 Flood	6022	204	210	6	6.74dpn	n/ 3.036E	-06uCi
Co-57 Vial	BM06E-57-58-1	204	228	24	26.97dp	m/ 1.21E	-05uCi
Co-57 Vial	35643	204	228	24	17 1	11	
Co-57 Spot	BM0357L50573	204	228	24	77 1	1 17	
Co-57 Spot	BM0357L50574	204	228	24	11	tı II	
Co-57 Spot	64386	204	228	24	17	19 11	
Co-57 Spot	64397	204	228	24	ę1	11 11	
Co-57 Spot	11658	204	228	24	17	PT 11	
Co-57 Spot	11659	204	228	24	11	11 11	

Doshi - Cinnaminson (Old Regional Radiology)						
Cs-137 Rod	B1214	26	28	2	15.38dpm/	6.93E-06uCi
Co-57 Flood	BM01103647	204	246	42	47.19dpm	/ 2.126E-05uCi
Co-57 Vial	54384	204	252	48	53.9dpm /	2.43E-05uCi
Co-57 Vial	B1444	204	212	8	8.99dpm /	4.05E-06uCi
Co-57 Spot	W11976-1-13	204	214	10	11.236dpm	1/ 5.06E-06uCi
Co-57 Spot	BM03-50	204	214	10	71	11

Instrument Used = PCAP MCA

Well Counter Efficiency for Co-57= 13%

Well Counter Efficiency for Cs-137= 89%

41 N. Kings Highway Cherry Hill, NJ 08034

Business Office (856) 414-1272 • Fax (856) 414-9329

Michael Nunno (609) 304-5511

◆ Jax (856) 983-7842



### DOSHI DIAGNOSTIC IMAGING SERVICES, P.C.

**New Albany Professional Center** 2800 Route 130 North Suite 202 Cinnaminson, NJ 08077

CLOSE-OUT RADIATION MONITORING OF NUCLEAR MEDICINE **FACILITY** 

Michael P. Nunno, M.S., D.A.B.R., CHP

November 26, 2008

41 M. Kings Highway Cherry Hill, NJ 08034

Business Office (856) 414-1272 • Jax (856) 414-9329

Michael Nunno (609) 304-5511

♦ Jax (856) 983-7842



### DOSHI DIAGNOSTIC IMAGING SERVICES, P.C.

Instrumentation used: 1. Eberline E-530, Serial #1380, last calibration date: 8/28/2008

2. CAPRAC, well efficiency: 29.3%, 8/7/2008

Last use of RAM: Tc-99m - 11/5/2008; I-123 - 9/30/2008

Sealed Sources Present: NONE; all sealed sources removed by Nuclear Diagnostic Products of Philadelphia on 11/25/2008. Receipt given for six (6) sources with a total activity of 0.551mCi.

Radwaste: 1. 2 Sharps containers – both full

2. 2 containers containing gloves – 1 full and 1 approximately one-half full

When surveyed all four (4) containers read  $\leq$  background reading of 0.05mR/hr.

Area survey measurements:

Background reading: ≤ 0.05mR/hr

All areas in the hot lab and camera room were  $\leq 0.05mR/hr$ .

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### DOSHI DIAGNOSTIC IMAGING SERVICES, P.C.

### Wipe test measurements:

### Background count: 434cpm

### **CAMERA ROOM**

### See the diagram after wipe test results.

Location #	<b>Location Description</b>	Result
1	Floor at doorway and doorknob	4dpm
2	Floor area between scanning table & doorway	< Bkg
3	Cabinet & floor area in front	< Bkg
4	Floor area in front of sink	< Bkg
5	Sink	12dpm
6	Chair and floor area in front	< Bkg
7	Mayo stand	< Bkg
8	File cabinets and floor	< Bkg
9	Collimator stand assembly	< Bkg
10	Floor in front of operator's area	25dpm
11	Top of counter and all hardware	< Bkg
12	Floor area in front of desk	< Bkg

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### DOSHI DIAGNOSTIC IMAGING SERVICES, P.C.

### Wipe test measurements continued.

Location #	<b>Location Description</b>	Result
13	Desk	< Bkg
14	Floor area to left of desk	< Bkg
15	Floor area to right of bookcase	< Bkg
16	Bookcase	18dpm
17	Scanning table	<bkg< th=""></bkg<>
18	Scanning table extension	< Bkg
19	Camera head 1	< Bkg
20	Camera head 2	41dpm

Outside Bookshelf 15 Canena Head Keyboord File 18 17 Captus MR Base Plater Cornera Odside Storage 3 Jax (856) 414-9329 Jax (856) 983-7842 Cabinet SCANNING ROOM NOTORAUN

41 N. Kings Highway Cherry Hill, NJ 08034
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### DOSHI DIAGNOSTIC IMAGING SERVICES, P.C.

### Wipe test measurements continued:

### **HOT LAB**

### See the diagram after wipe test results.

Location #	<b>Location Description</b>	Result
1	Floor at doorway and doorknob	5dpm
2	Floor area in front of preparation Counter	< Bkg
3	Floor area in front of cabinet	< Bkg
4	Front of L-shield	< Bkg
5	Behind L-shield & lead bricks	< Bkg
6	Right of L-shield	13dpm
7	Dose calibrator & to left of it	< Bkg
8	Well counter	< Bkg
9	RAM delivery box – in & out	< Bkg
10	Lead box for sealed sources – in & out	< Bkg
11	Counter	3dpm
12	Sharps container - in & out	1dpm
13	Counter	< Bkg

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### DOSHI DIAGNOSTIC IMAGING SERVICES, P.C.

Wipe test measurements continued.

Location #	<b>Location Description</b>	Result
14	Can for gloves – in & out	< Bkg
15	Can for gloves – in & out	< Bkg
16	Lead-lined waste can (empty) in & out	< Bkg
17	Floor area behind door	23dpm

Conclusion: Since all survey results are below the action limits for unrestricted areas both rooms can be released for occupancy by members of the general public.

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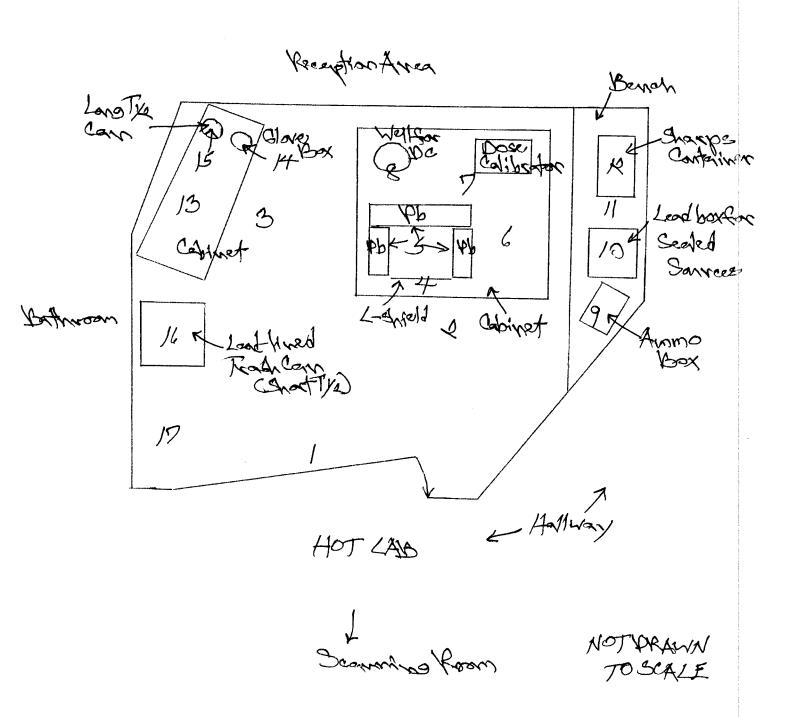
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RÖBERT J. SHOMO, D.A.B.R.
Certified Diagnostic/TherapeuticRadiological Physicist
407 Danielle Drive.
Linwood, NJ 08221
Home:(609)601-0820 Office:(609)748-7084

December 9, 2008

Nuclear Regulatory Commission Region I Nuclear Materials Section B 475 Allendale Road King of Prussia, PA 19406-1415

A final close-out decommissioning survey was performed in the Nuclear Medicine imaging room and associated Hot Lab room by the undersigned at Doshi Diagnostic Imaging, 434 New Jersey Avenue, Absecon, NJ, NRC License # 29-30289-02\_on December 9, 2008.

Prior to the survey, arrangements for transfer of all sealed sources had been made. The site had not been in receipt of radioactive materials since 11/10/2008. All radioactive waste was allowed to decay in storage (DIS), was confirmed by the survey to be less than or equal to ambient background levels and placed with normal trash for disposal.

- 1. Radiation Area Survey measurements were made using a Ludlum GM survey meter (Model14C, Probe Model #44.9, SN 085078, calibrated 2/20/2008) for all areas where radioactive material was used. All areas were at background levels. The results of the survey were negative and all areas are acceptable for change of status to "Unrestricted" (see attached survey results).
- 2. Contamination Wipe tests were performed and the wipes counted using a Capintec Captus 3000 well counter with a window set at 0 2000 keV (last cal. check 12/8/2008). All areas wiped reveal that no residual contamination in excess of 2000 dpm per 100sq. cm (see attached wipe survey results).

All radiation warning signs and labels are to be removed or defaced.

All SHARPS containers are at less than or equal to ambient background levels and should be disposed as normal SHARPS waste.

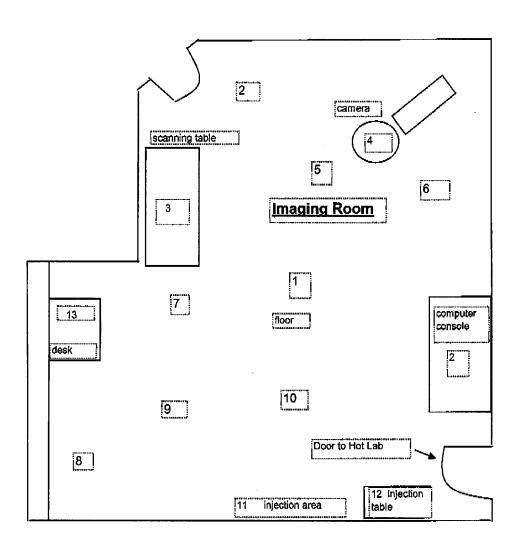
If you bave any questions please contact me at either of the above telephone numbers.

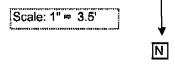
Robert J. Shomo, DABR

Certified Radiological Physicist

### **DOSHI DIAGNOSTIC IMAGING (Absecon)**

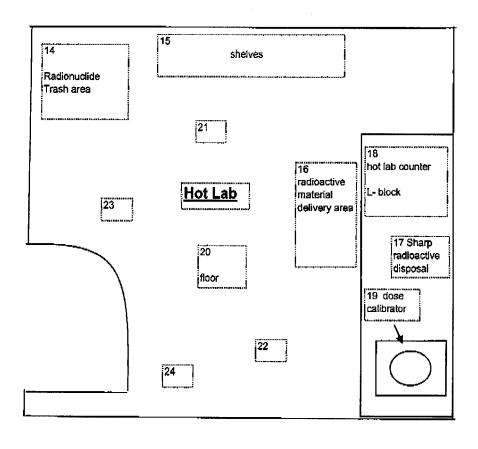
### **AREA SURVEY AND WIPE LOCATIONS**

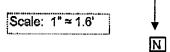




### **DOSHI DIAGNOSTIC IMAGING (Absecon)**

### **AREA SURVEY AND WIPE LOCATIONS**





### **DOSHI DIAGNOSTIC IMAGING (Absecon)**

#### **SURVEY MEASUREMENTS:**

### Background:

Ambient Exposure background: 0.03 mR/hr

Wipe test backgound: 254 cpm

#### **SURVEY RESULTS:**

		Wipe	Wipe	
Location	) Area	cpm (net)	dpm (net)	mR/hr
1	I.R. floor	-30	0	0.03
2	computer console	-28	0	0.03
3	scanning table	<del>-4</del> 5	0	0.03
4	camera	-6	0	0.03
5	I.R. floor	-30	0	0.03
6	I.R. floor	-30	0	0.03
7	I.R. floor	-20	0	0.03
8	I.R. floor	20	30.8	0.03
9	I.R. floor	15	23.1	0.03
10	I.R. floor	-10	0	0.03
11	injection area	-41	0	0.03
12	injection table	10	15.4	0.03
13	desk	-47	0	0.03
14	radionuclide trash area	-16	0	0.03
15	shelves	-10	0	0.03
16	radioactive material delivery area	-41	0	0.03
17	sharp radioactive disposal	-12	0	0.03
18	hot lab counter, L-block	36	0	0.03
19	dose calibrator	-42	0	0.03
20	H.L. floor	-29	0	0.03
21	H.L. floor	-50	0	0.03
22	H.L. floor	12	18.5	0.03
23	H.L. floor	5	7.7	0.03
24	H.L. floor	-8	0	0.03

- All areas were at ambient background exposure levels.
- All areas wiped reveal that no residual contamination in excess of 2000 dpm per 100sq. cm.
- It is therefore recommended that this area be returned to unrestricted use.

ROBERT J. SHOMO, D.A.B.R.
Certified Diagnostic/TherapeuticRadiological Physicist
407 Danielle Drive.
Linwood, NJ 08221

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December 15, 2008

Nuclear Regulatory Commission Region I Nuclear Materials Section B 475 Allendale Road King of Prussia, PA 19406-1415

A final close-out decommissioning survey was performed in the Nuclear Medicine imaging room and associated Hot Lab room by the undersigned at Doshi Diagnostic Imaging, 108 Dennisvile Rd., Cape May Court House, NJ, NRC License# 29-30289-02 on December 12, 2008.

Prior to the survey, arrangements for transfer of all sealed sources had been made. The site had not been in receipt of radioactive materials since 1/14/2008. All radioactive waste was allowed to decay in storage (DIS), was confirmed by the survey to be less than or equal to ambient background levels and placed with normal trash for disposal.

- 1. Radiation Area Survey measurements were made using a Ludlum GM survey meter (Model14C, Probe Model #44.9, SN 085078, calibrated 2/20/2008) for all areas where radioactive material was used. All areas were at background levels. The results of the survey were negative and all areas are acceptable for change of status to "Unrestricted" (see attached survey results).
- 2. Contamination Wipe tests were performed and the wipes counted using a Capintec Captus 3000 well counter with a window set at 0 2000 keV (last cal. check 12/8/2008). All areas wiped reveal that no residual contamination in excess of 2000 dpm per 100sq. cm (see attached wipe survey results).

All radiation warning signs and labels are to be removed or defaced.

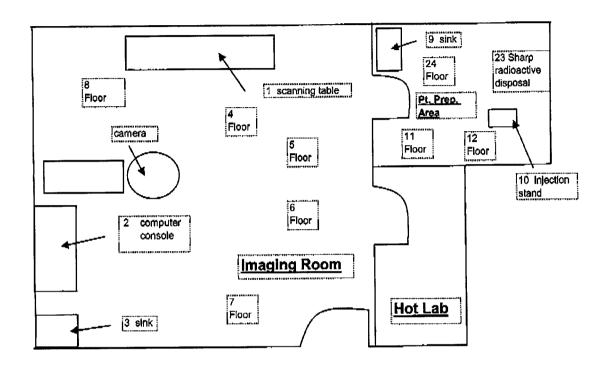
All SHARPS containers are at less than or equal to ambient background levels and should be disposed as normal SHARPS waste.

If you have any questions please contact me at either of the above telephone numbers.

Robert J. Shomo, DABR

Certified Radiological Physicist

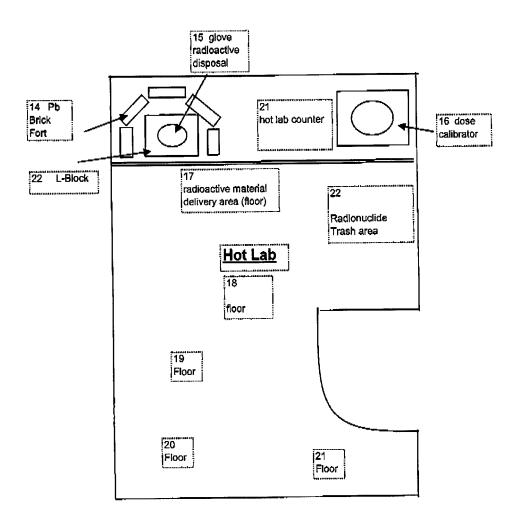
# DOSHI DIAGNOSTIC IMAGING (Cape May Court House) AREA SURVEY AND WIPE LOCATIONS



Scale: 1" ≈ 3.5'

N ←

# DOSHI DIAGNOSTIC IMAGING (Cape May Court House) AREA SURVEY AND WIPE LOCATIONS



Scale: 1" ≈ 1.7'

**→** N

#### **DOSHI DIAGNOSTIC IMAGING (Cape May Court House)**

### **SURVEY MEASUREMENTS:**

#### Background:

Ambient Exposure background: 0.03 mR/hr

Wipe test backgound: 211 cpm

### SURVEY RESULTS:

		Wipe	Wipe	
Location	Area	cpm (net)		mR/hr
1	Scanning Table	-12	0	0.03
2	computer console	7	10.8	0.03
3	I.R. Sink	-22	0	0.03
4	I.R Floor	-33	0	0.03
5	I.R. floor	-12	0	0.03
6	I.R. floor	-5	0	0.03
7	I.R. floor	-10	0	0.03
8	I.R. floor	-8	0	0.03
C	Camera	-5	0	0.03
9	sink	-20	0	0.03
10	injection stand	-9	0	0.03
11	Floor	<b>-</b> 1	0	0.03
12	Floor	-19	0	0.03
23	sharp radioactive disposal	-5	0	0.03
24	floor_	-10	0	0.03
13	L-Block	9	139	0.03
14	Pb Fort	8	12.3	0.03
15	Glove radioactive waste	4	6.2	0.03
16	dose calibrator	-16	Q	0.03
17	H.L. floor	28	43.1	0.03
18	H.L. floor	12	18.5	0.03
19	H.L. floor	-8	0	0.03
20	H.L. floor	10	15.4	0.03
22	Radionuclide Trash Area	9	13.8	0.03
21	Counter Top	-24	0	0.03

All areas were at ambient background exposure levels.

<sup>•</sup> All areas wiped reveal that no residual contamination in excess of 2000 dpm per 100sq. cm.

<sup>•</sup> It is therefore recommended that this area be returned to unrestricted use.