



PAPASTAVROS' ASSOCIATES

MEDICAL IMAGING L.L.C.

October 9, 2008

J-3
MS-16

Mr. Richard McKinley, Health Physicist
U.S. Nuclear Regulatory Commission
Region I, Licensing Assistance Team
475 Allendale Road
King of Prussia, PA 19406

07-16529-01
03011379

Dear Mr. McKinley,

Enclosed is the paperwork for the decommissioning of the Nuclear Medicine Departments at 2600 Glasgow Avenue and 1539 Savannah Road, as well as the old Nuclear Medicine Department at 1701 Augustine Cut-off. It also includes the area surveys and wipe tests.

If you need any additional information I can be reached at (302) 652-3016 or (302) 465-4271.

Sincerely,

Donna M. Grace

Donna M. Grace, R.T., (R)(M)
Papastavros' Associates Medical Imaging, L.L.C.
Imaging Center Manager

enclosures

RECEIVED
REGION I
2008 OCT 14 PM 1:05

142841

James
Bilinski
for G. (over 14)

sink
floor
counter tops

flair
table
hood

Final
wipes

Jaime
Zilinski

Papastavros Associates Medical Imaging

Daily Radiation Surveys

1539 Savannah Road

Lewes, DE

Department of Nuclear Medicine

Final Survey

July 2008

			Daily Room Surveys				all readings in mR/hr			
			MON	TUE	WED	THUR	FRI	SAT	SUN	
HOT LAB AREA	AREA	TRIGGER								
HOT LAB AREA	AREA	TRIGGER								
1. HOT WASTE AREA	4	5.0 mR/hr	10.05							
2. PREP PIT/COUNTER	4	0.5 mR/hr	10.15							
3. HOT LAB FLOOR	4	0.5 mR/hr	10.15							
4. SINK	4	0.5 mR/hr	10.15							
SCAN ROOM AREA										
5. SMV CAMERA	5	0.5 mR/hr	10.15							
6. SCAN ROOM FLOOR	5	0.5 mR/hr	10.15							
7. STRESS LAB FLOOR	6	0.5 mR/hr	10.15							
8. TREADMILL	6	0.5 mR/hr	10.15							
9. ULTRASOUND AREA	6	0.1 mR/hr	10.05							
10. OFFICE COMPUTER	7	0.5 mR/hr	10.15							
11. CAPTUS 600 UPTAKE/WELL	7	0.5 mR/hr	10.15							
12. COLD TRASH	7	0.1 mR/hr	10.15							
TECHNOLOGISTS										
13. BETH RODRIGUEZ		0.1 mR/hr								
14. RHONDA BUDZYN		0.1 mR/hr								
15. SHARON RANDOLPH		0.1 mR/hr								
16. HILDA MEDINA		0.1 mR/hr								
17. JAIME BILISKI		0.1 mR/hr	10.15							
18. LISA DAVIES		0.1 mR/hr								
19		0.1 mR/hr								
SURVEY METERS										
EBERLINE ASP-1 S/N# 2820	BKG	mR/hr								
EBERLINE ASP-1 S/N# 1032	BKG	mR/hr	10.15							
EBERLINE ASP-1 S/N#2807	BKG	mR/hr								
EBERLINE ASP-1 S/N# 3726	BKG	mR/hr								
EBERLINE ASP-1 S/N# 4051	BKG	mR/hr								
SURVEYOR'S INITIALS										
Each individual area will be surveyed at the end of each working day. Each wipe area will be wiped for removable contamination on Friday and analyzed using the CAPTUS 600 well, serial # 600265. Any daily survey that exceeds the trigger level will also be wiped for removable contamination. Wipes may not exceed 200 dpm/100 sq cm in unrestricted areas or 2000 dpm/100 sq cm in restricted areas. The RSO must be notified when either is met or exceeded.										

1701 Augustine Cuttall
Wilmington DE 19808

May 17, 2005 14:11

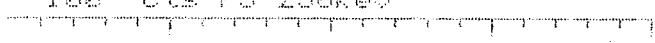
LAHLOS - 600 REV 1.07 SN: 000101

544000000
Counted For 60.0 sec

Trigger Level: 2000.0 cpm

Total Counts: 440.1 cpm

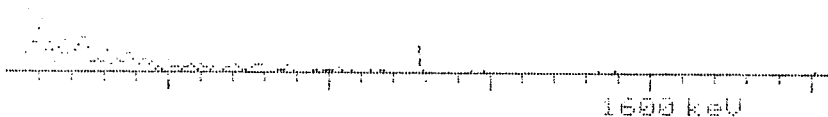
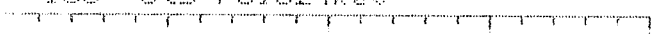
100 Cts FS 200keV



Counted For 60.0 sec

Total Counts: 394.1 cpm

100 Cts FS 1024keV



James Biliski
Genl A. Komur

ACO

Final Area Survey Results

5-19-08

May 19, 2008 14:35

CHPT05 - 600 KEV 1.00 SN: 000101

WORK AREA

Trigger Level: 2000.0 dpm

W-04 RUI LHB HLL

Counted For 60.0 sec

May 19, 2008 14:18

CP: 1600 62.02 ± 57.25 dpm

W-05 SIX RM TRENDMILL

Counted For 60.0 sec

May 19, 2008 14:19

CP: 400 38.04 ± 58.70 dpm

23 KEV

8.000 ± 10.102 cpm

W-06 FX1

CHM RM

Counted For 60.0 sec

May 19, 2008 14:22

CP: 1600 128.1 ± 58.4 dpm

W-07 FX2

CHM RM

Counted For 60.0 sec

May 19, 2008 14:30

CP: 1600 70.03 ± 57.39 dpm

W-08 OFFICE OFFICE

Counted For 60.0 sec

May 19, 2008 14:35

CP: 400 54.02 ± 60.25 dpm

15 KEV

1.000 ± 7.552 cpm

James Siliuski

Papastavros' Associates Medical Imaging
1701 Augustine Cut-Off
Wilmington DE
Department of Nuclear Medicine

Daily Radiation Surveys

FINAL SURVEY 05-19-08

"OLD" DEPT before renovations

			Daily Room Surveys						all readings in mR/hr	
			5/19							
HOT LAB AREA	AREA	TRIGGER	MON	TUE	WED	THUR	FRI	SAT	SUN	
1. HOT WASTE AREA	4	5.0 mR/hr	10.05							
2. PREP PIT/COUNTER	4	0.5 mR/hr	10.05							
3. HOT LAB FLOOR	4	0.5 mR/hr	10.05							
4. SINK	4	0.5 mR/hr	10.05							
SCAN ROOM AREA										
5. STRESS LAB FLOOR	5	0.5 mR/hr	10.05							
6. TREADMILL	5	0.5 mR/hr	10.05							
7. PREP AREA	5	0.5 mR/hr	10.05							
8. OFFICE COMPUTER	6	0.5 mR/hr	10.05							
9. CAPTUS 500 UPTAKE/WELL	6	0.5 mR/hr	10.05							
10. COLD TRASH	6	0.1 mR/hr	10.05							
11. SMV FX1 CAMERA	7	0.5 mR/hr	10.05							
12. SMV FX2 CAMERA	7	0.5 mR/hr	10.05							
13. SCAN ROOM FLOORS	7	0.5 mR/hr	10.05							
TECHNOLOGISTS										
14. RHONDA BUDZYN		0.1 mR/hr	10.05							
15. SHARON RANDOLPH		0.1 mR/hr	10.05							
16. JAIME BILISKI		0.1 mR/hr	10.05							
17. LISA DAVIES		0.1 mR/hr								
		0.1 mR/hr								
		0.1 mR/hr								
SURVEY METERS										
EBERLINE ASP-1 S/N# 2820	BKG	mR/hr	10.05							
EBERLINE ASP-1 S/N# 1032	BKG	mR/hr								
EBERLINE ASP-1 S/N#2807	BKG	mR/hr								
EBERLINE ASP-1 S/N# 3726	BKG	mR/hr								
EBERLINE ASP-1 S/N# 4051	BKG	mR/hr								
SURVEYOR'S INITIALS			OP							
Each individual area will be surveyed at the end of each working day. Each wipe area will be wiped for removable contamination on Friday and analyzed using the CAPTUS 500 well, serial # 000101. Any daily survey that exceeds the trigger level will also be wiped for removable contamination. Wipes may not exceed 200 dpm/100 sq cm in unrestricted areas or 2000 dpm/100 sq cm in restricted areas. The RSO must be notified when either is met or exceeded.										

PAPASTIVROS ASSOC
2600 GLASGOW
NEWARK DE 19702

Jul 10, 2008 09:55

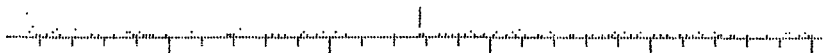
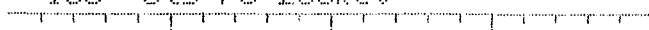
CAPTUS - 600 REV 1.09 SN: 600096

BACKGROUND
Counted For 60.0 sec

Trigger Level: 2000.0 cpm

Total Counts: 151.0 cpm

100 Cts FS 256keV

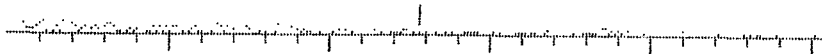
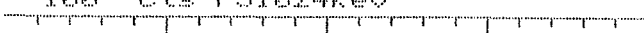


400 keV

Counted For 60.0 sec

Total Counts: 211.0 cpm

100 Cts FS 1024keV



1600 keV

James Bilinski
James A. Bilinski

PAPASTAVROS ASSOC
2600 GLASGOW
NEWARK DE 19702

Jul 10, 2008 10:04

CAPTUS - 600 REV 1.09 SN: 600096

WORK AREAS

Trigger Level: 2000.0 dpm

W-04 HOTLAB ALL

Counted For 60.0 sec

Jul 10, 2008 09:59

CF: 400 -6.004 ± 35.389 dpm

13 keV

-9.002 ± 7.001 cpm

W-05 FX1

CAMERA

Counted For 60.0 sec

Jul 10, 2008 10:01

CF: 400 34.01 ± 36.50 dpm

14 keV

-4.000 ± 7.617 cpm

W-06 STRESS L TREADMILL

Counted For 60.0 sec

Jul 10, 2008 10:02

CF: 400 52.01 ± 36.99 dpm

13 keV

7.002 ± 8.308 cpm

W-07 OFFICE CAPTUS

Counted For 60.0 sec

Jul 10, 2008 10:04

CF: 400 34.01 ± 36.50 dpm

14 keV

-5.000 ± 7.551 cpm

Final
wipes
for Glasgow

Jaime
Bilinski

Final Survey
for Glasgow
done 7/10/08
at 9:30pm

Papastavros' Associates Medical Imaging
2600 Glasgow Ave.
Newark DE
Department of Nuclear Medicine

Daily Radiation Surveys

July 2008

DAILY ROOM SURVEYS

all readings in mR/hr

HOT LAB AREA	AREA	TRIGGER	MON	TUE	WED	THUR	FRI
1. HOT WASTE AREA	4	5.0 mR/hr				10.05	
2. PREP PIT/COUNTER	4	0.5 mR/hr				10.05	
3. HOT LAB FLOOR	4	0.5 mR/hr				10.05	
4. SINK	4	0.5 mR/hr				10.05	
5. DOSE CALIBRATOR	4	0.5 mR/hr				10.05	
SCAN ROOM AREA							
6. SMV CAMERA/TABLE	5	0.5 mR/hr				10.05	
7. IMAGING ROOM FLOOR	5	0.5 mR/hr				10.05	
8. COMPUTER CONSOLE	5	0.5 mR/hr				10.05	
STRESS AREA							
9. TREADMILL	6	0.5 mR/hr				10.05	
10. STRESS AREA FLOOR	6	0.5 mR/hr				10.05	
11. TABLE	6	0.5 mR/hr				10.05	
OFFICE AREA							
12. CAPTUS 600 UPTAKE/WELL	7	0.5 mR/hr				10.05	
13. OFFICE DESK/COMPUTER	7	0.5 mR/hr				10.05	
14. COLD TRASH	7	0.1 mR/hr				10.05	
TECHNOLOGISTS							
		0.1 mR/hr					
16. RHONDA BUDZYN		0.1 mR/hr					
17. SHARON RANDOLPH		0.1 mR/hr					
18. HILDA MEDINA		0.1 mR/hr					
19. JAIME BILISKI		0.1 mR/hr				10.05	
20. LISA DAVIES		0.1 mR/hr					
		0.1 mR/hr					
SURVEY METERS							
EBERLINE ASP-1 S/N# 2807	BKG	mR/hr				10.05	
EBERLINE ASP-1 S/N# 2820	BKG	mR/hr					
EBERLINE ASP-1 S/N# 1032	BKG	mR/hr					
EBERLINE ASP-1 S/N# 3726	BKG	mR/hr					
EBERLINE ASP-1 S/N# 4051	BKG	mR/hr					
SURVEYOR'S INITIALS							
						JB	

Each individual area will be surveyed at the end of each working day. Each wipe area will be wiped for removable contamination on Friday and analyzed using the CAPTUS 600 well, serial # 600096. Any daily survey that exceeds the trigger level will also be wiped for removable contamination. Wipes may not exceed 200 dpm/100 sq. cm in unrestricted areas or 2000 dpm/100 sq. cm in restricted areas. The BKG must be checked before starting the survey.