

Westview Hospital

AN OSTEOPATHIC INSTITUTION

3630 Guion Road
Indianapolis, Indiana
46222-1699
317/924-6661

April 20, 2006

Materials Licensing Section
U.S. Nuclear Regulatory Commission
Region III Office
801 Warrenville Road
Lisle, IL 60532-4351

Re: Decommissioning Survey of Nuclear Medicine Area – NRC License No. 13-18543-01

Dear Sir/Madam:

Per the request in your February 2, 2006 letter than accompanied Amendment No. 15 to our license, attached please find the information you requested regarding the decommissioning of our former nuclear medicine area. All sources have been relocated to our new area and the attached results indicate that no detectable residual activity is present.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

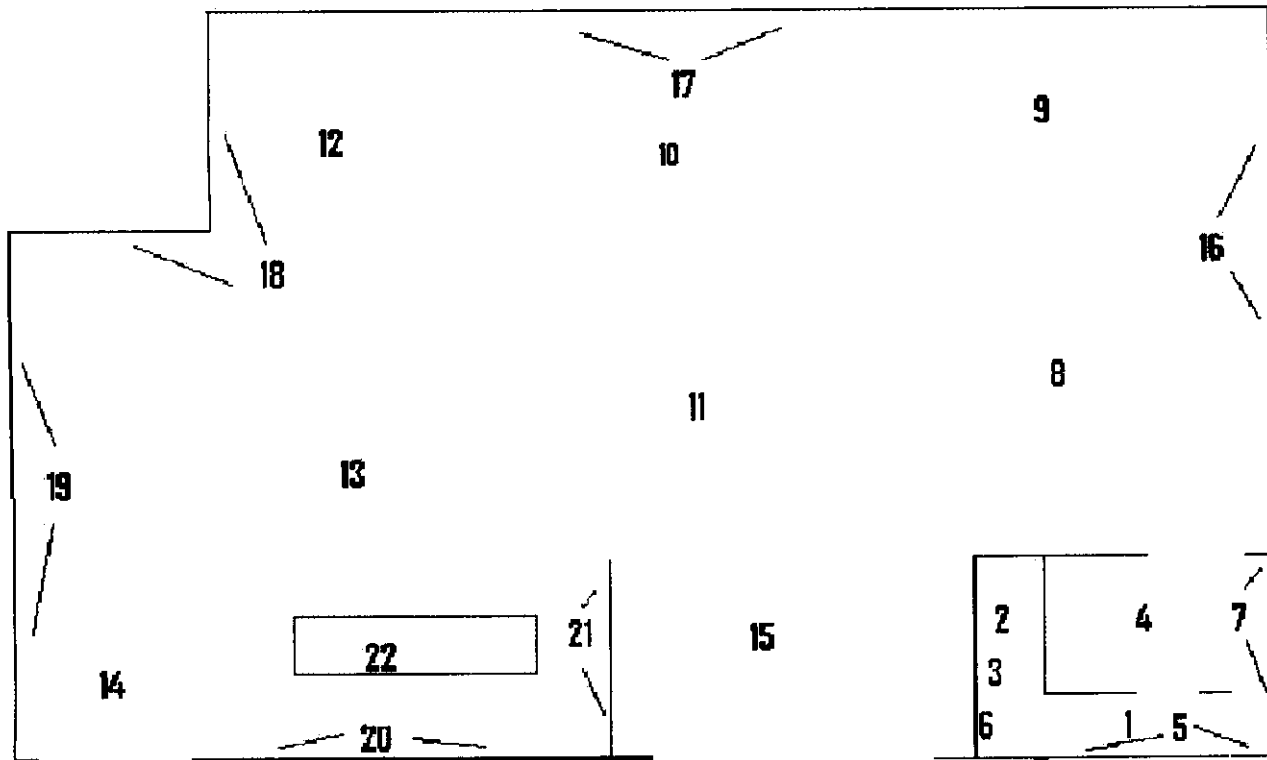


David C. Williams, D.O.
Radiation Safety Officer

Attachments

RECEIVED MAY 09 2006

**Westview Hospital "Old" Nuclear Medicine Area
Decommissioning Survey Locations**



Westview Hospital "Old" Nuclear Medicine Area
Decommissioning Direct Radiation Survey Results

Location #	Description	mR/h	mSv/h
1	Benchtop	0.03	0.0003
2	Benchtop	0.03	0.0003
3	Pb Bricks	0.03	0.0003
4	Floor	0.03	0.0003
5	Wall Section	0.03	0.0003
6	Wall Section	0.03	0.0003
7	Wall Section	0.03	0.0003
8	Floor	0.03	0.0003
9	Floor	0.03	0.0003
10	Floor	0.03	0.0003
11	Floor	0.03	0.0003
12	Floor	0.03	0.0003
13	Floor	0.03	0.0003
14	Floor	0.03	0.0003
15	Floor	0.03	0.0003
16	Wall Section	0.03	0.0003
17	Wall Section	0.03	0.0003
18	Wall Section	0.03	0.0003
19	Wall Section	0.03	0.0003
20	Wall Section	0.03	0.0003
21	Wall Section	0.03	0.0003
22	Gamma Camera Couch	0.03	0.0003
Bkg	Bkg outside room	0.03	0.0003
Instrument:	Ludlum Model 14C w/HP 270 GM probe		
	Ser. #177486		
	Calibrated 9/9/05		

Westview Hospital "Old" Nuclear Medicine Area Decommissioning Survey Wipe Test Results

Wipe #	Description	^{99m} Tc			¹³³ Ba			¹³⁷ Cs		
		gross cpm	net cpm	Bq	gross cpm	net cpm	Bq	gross cpm	net cpm	Bq
1	Benchtop	42	0	<MDA	118	0	<MDA	110	0	<MDA
2	Benchtop	47	0	<MDA	102	0	<MDA	101	0	<MDA
3	Pb Bricks	34	0	<MDA	106	0	<MDA	104	0	<MDA
4	Floor	38	0	<MDA	98	0	<MDA	108	0	<MDA
5	Wall Section	44	0	<MDA	114	0	<MDA	100	0	<MDA
6	Wall Section	41	0	<MDA	100	0	<MDA	112	0	<MDA
7	Wall Section	36	0	<MDA	110	0	<MDA	114	0	<MDA
8	Floor	46	0	<MDA	138	20	<MDA	118	0	<MDA
9	Floor	51	0	<MDA	96	0	<MDA	112	0	<MDA
10	Floor	48	0	<MDA	112	0	<MDA	110	0	<MDA
11	Floor	40	0	<MDA	112	0	<MDA	110	0	<MDA
12	Floor	66	0	<MDA	136	18	<MDA	118	0	<MDA
13	Floor	72	0	<MDA	148	30	<MDA	122	0	<MDA
14	Floor	64	0	<MDA	116	0	<MDA	142	12	<MDA
15	Floor	72	0	<MDA	130	12	<MDA	136	6	<MDA
16	Wall Section	68	0	<MDA	134	16	<MDA	124	0	<MDA
17	Wall Section	66	0	<MDA	150	32	<MDA	102	0	<MDA
18	Wall Section	76	0	<MDA	130	12	<MDA	98	0	<MDA
19	Wall Section	80	2	<MDA	144	26	<MDA	110	0	<MDA
20	Wall Section	54	0	<MDA	126	8	<MDA	116	0	<MDA
21	Wall Section	62	0	<MDA	128	10	<MDA	116	0	<MDA
22	Gamma Camera Couch	56	0	<MDA	130	12	<MDA	130	0	<MDA
Bkg	Blank wipe test	78			118			130		
Efficiency	(Determined 3/28/06)	0.83			0.3			0.13		
MDA	Min. Detectable Activity	cpm 44.1	Bq 0.9		cpm 53.5	Bq 3.0		cpm 56.0	Bq 7.2	
Atomic Products Well Counter Model # 8802-2903 Ser # 187-295										
Each wipe test covered approximately 1 m ² area.										

Westview Hospital Leak Test Report

Leak Test Date:	3/28/2006 Note: Date format - 3/21/00				
Source Data					
Radionuclide:	Cs-137	Co-57	Ba-133	Co-57	
Type:	Dose Cal.	Dose Cal.	Dose Cal.	Flood	
Model #:					
Serial #:	3560779A-68	1047-74-2	2272MA	BM01101442	
STD. DATA					
Std. Act. - μ Ci:	0.09803	0.09583	0.09924	3/15/2005	
Assay Date:	3/15/2005	3/15/2005	3/15/2005	3/15/2005	
Half Life (Days):	11019.59	270.8	3835.13	270.8	
DK-Corr Act. - μ Ci:	0.0957	0.0364	0.0927	14602.5372	0.00
Gross cpm:	28636	67541	62775	67541	
Net cpm:	28429	67459	62618	67459	0
CE - cpm/dpm:	0.13	0.83	0.30	0.00	0.00
CE - cpm/ μ Ci:	2.97E+05	1.85E+06	6.76E+05	4.62E+00	0.00E+00
MDA DATA					
cpm:	70	45	61	45	0
dpm:	521	54	200	21549231	0
μ Ci:	2.35E-04	2.42E-05	9.03E-05	9.71E+00	0.00E+00
WIPE TEST DATA					
Bkg cpm:	207	82	157	82	
Wipe Gross cpm:	203	95	174	109	
Wipe Net cpm:	0	13	17	27	0
Wipe dpm:	<MDA	<MDA	<MDA	<MDA	
Wipe μ Ci:	<MDA	<MDA	<MDA	<MDA	
All yellow shaded numerical data fields must have a value entered.					
All count times are 1 minute.					
Wipe results exceeding 11,100 dpm (0.005 μ Ci) indicate a leaking source above regulatory limits.					
Counting Instrument:	Atomic Products/The Nuclear Analyzer Model 187-295				
LEAK TESTED BY: MLR					
RSO SIGNATURE:					



Westview Hospital

3630 North Guion Road

Indianapolis, IN 46222

INDIANAPOLIS IN 462

04 MAY 2006



to -

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2443 Warrenville Rd. Suite 2
Lisle, IL. 60532-4352

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