



6245 INKSTER ROAD • GARDEN CITY, MICHIGAN 48135-4001 • (734) 458-3300

February 13, 2007

UNITES STATES NUCLEAR REGULATORY COMMISSION
Region III, Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: Additional information for License No. 21-04072-01
Control Number: 315957

1. Please find the enclosed closeout survey for the Cs-137 storage area.
2. Please find the enclosed leak tests for the Cs-137 sealed sources.

Please expedite this request because renovation on this area of the hospital is due to begin March 5, 2007.

Thank you for you cooperation with this matter. If you have any question please contact our physicist, Michelle Kritzman, at (734) 662-3197.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Daskalakis", written over a horizontal line.

Tom Daskalakis VP, COO
Garden City Osteopathic Hospital

REC'D FEB 15 2007

Accredited by:



A NOT-FOR-PROFIT ORGANIZATION

AFFILIATED WITH:

MICHIGAN STATE UNIVERSITY
COLLEGE OF OSTEOPATHIC MEDICINE

Close-out Survey of "old" Cs-137 Storage Room

Garden City Osteopathic Hospital
6245 Inkster Road
Garden City, MI 48135

License No. 21-04072-01

Date Performed: 2/6/07

Performed By: Michelle Kritzman, M.S.

Wipe tests analyzed with a CAPTUS 3000 sodium iodide well counter. The conversion factor used is 2.5 dpm/cpm.

Survey performed with Ludlum 14C (S/N 129617) GM survey meter with a check source reading of 10.00 mR/hr and calibration date of 9/20/06. Range used was 0-0.2 mR/hr.

Isotope Used

Cs-137 sealed sources used for 10CFR35.400 where the only isotopes stored in this area. All sources were removed from this location on 2/5/07. Please find the enclosed inventory and leak test results for your review.

Visual Check

The area was checked to ensure that all radioactive waste had been removed. No radioactive material was located.

Radiation Level Survey

No area within the department demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

Removable Contamination

1 minute counts of a wipe sample were performed.

Maximum Removable contamination: 190 net dpm

Conclusion

All radioactive materials were removed from the room and no removable contamination was present.

Medical Physics Consultants, Inc.**Sealed Source Inventory, Leak Tests, and Survey**

Facility: Garden City Osteopathic Hospital

Date: 12/13/06

NUCLIDE	TYPE	CALIBRATION		M/N	S/N
		ACTIVITY	LOCATION		
Cs-137	sealed brachy.	5 mg Ra Eq.	Rad. Therapy Safe	Old	S0 (67-801)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	Old	T5 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	Old	C5 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	Old	P6 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	Old	R1 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	Old	T2 (67-802)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	Old	R5 (67-803)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	Old	R6 (67-803)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	Old	R7 (67-803)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	Old	S7 (67-803)
Cs-137	sealed brachy.	20 mg Ra Eq.	Rad. Therapy Safe	Old	Q0 (67-804)
Cs-137	sealed brachy.	20 mg Ra Eq.	Rad. Therapy Safe	Old	Q1 (67-804)
Cs-137	sealed brachy.	20 mg Ra Eq.	Rad. Therapy Safe	Old	Q2 (67-804)

Nuclear Associates 67-800 series

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity.

All areas outside the source room were surveyed with a Ludlum GM meter, M/N 14C, S/N 129617
Calibration date 12/16/05. Background = 0.02 mR/hr. Constancy check 10 mR/hr. Please see diagram for key to areas.

- Areas surveyed:
- 1) Front of L-shield 1.8 mR/hr Hand Position
 - 2) Next to L-shield 0.2 mR/hr
 - 3) Behind L-shield 0.03 mR/hr
 - 4) Inside wall 0.02 mR/hr
 - 5) Door (closed) 0.03 mR/hr (near door knob)

Inventory and leak tests checked by: Michelle KritzmanDate: 12/13/2006

Radiation Safety Officer: _____

Medical Physics Consultants, Inc.**Sealed Source Inventory, Leak Tests, and Survey**

Facility: GARDEN CITY OSTEOPATHIC HOSPITAL

Date: 12/13/06

NUCLIDE	TYPE	CALIBRATION		M/N	S/N
		ACTIVITY	LOCATION		
Cs-137	sealed brachy.	5 mg Ra Eq.	Rad. Therapy Safe	New	H0 (67-801)
Cs-137	sealed brachy.	5 mg Ra Eq.	Rad. Therapy Safe	New	G2 (67-801)
Cs-137	sealed brachy.	5 mg Ra Eq.	Rad. Therapy Safe	New	G8 (67-801)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	New	Z4 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	New	U4 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	New	T8 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	New	T5 (67-802)
Cs-137	sealed brachy.	10 mg Ra Eq.	Rad. Therapy Safe	New	J0 (67-802)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	New	FC (67-803)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	New	FD (67-803)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	New	FN (67-803)
Cs-137	sealed brachy.	15 mg Ra Eq.	Rad. Therapy Safe	New	FF (67-803)
Cs-137	sealed brachy.	20 mg Ra Eq.	Rad. Therapy Safe	New	BE (67-804)
Cs-137	sealed brachy.	20 mg Ra Eq.	Rad. Therapy Safe	New	BG (67-804)
Cs-137	sealed brachy.	20 mg Ra Eq.	Rad. Therapy Safe	New	W9 (67-804)
Cs-137	sealed brachy.	25 mg Ra Eq.	Rad. Therapy Safe	New	F9 (67-805)
Cs-137	sealed brachy.	25 mg Ra Eq.	Rad. Therapy Safe	New	R8 (67-805)

Radiation Therapy Resource, Inc.

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity.

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 Calibration date 12/16/05. Background = 0.02 mR/hr. Constancy check 10 mR/hr. Please see diagram for key to areas.

- Areas surveyed:
- 1) Front of L-shield 1.8 mR/hr Hand Position
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 - 3) Behind L-shield 0.03 mR/hr
 - 4) Inside wall 0.02 mR/hr
 - 5) Door (closed) 0.03 mR/hr (near door knob)

Inventory and leak tests checked by: _____

Date: _____

Radiation Safety Officer: _____

Medical Physics Consultants, Inc.**Sealed Source Inventory, Leak Tests, and Survey**

Facility: GARDEN CITY OSTEOPATHIC HOSPITAL

Date: 12/13/06

NUCLIDE	TYPE	CALIBRATION		M/N	S/N
		ACTIVITY	LOCATION		
*Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA81 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA84 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA90 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA82 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA80 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA87 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA79 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA86 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA89 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA85 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA88 (67-601)	
Cs-137	sealed brachy.	11 mg Ra Eq. Rad. Therapy Safe	MICRAD	AA83 (67-601)	

Nuclear Associates

*NOT IN USE

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity.

All areas outside the source room were surveyed with a Ludlum GM meter, M/N 14C, S/N 129617
 Calibration date 12/16/05. Background = 0.02 mR/hr. Constancy check 10 mR/hr. Please see diagram for key to areas.

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 - 5) Door (closed) 0.03 mR/hr (near door knob)

Inventory and leak tests checked by: _____

Date: _____

Radiation Safety Officer: _____

Garden City Osteopathic Hospital

License # 21-007-0012

Date: 2/6/2007

Performed By: Michelle Kritzman, M.S.

Survey Meter: Ludlum 14C

Check Value: 10.0 mR/hr

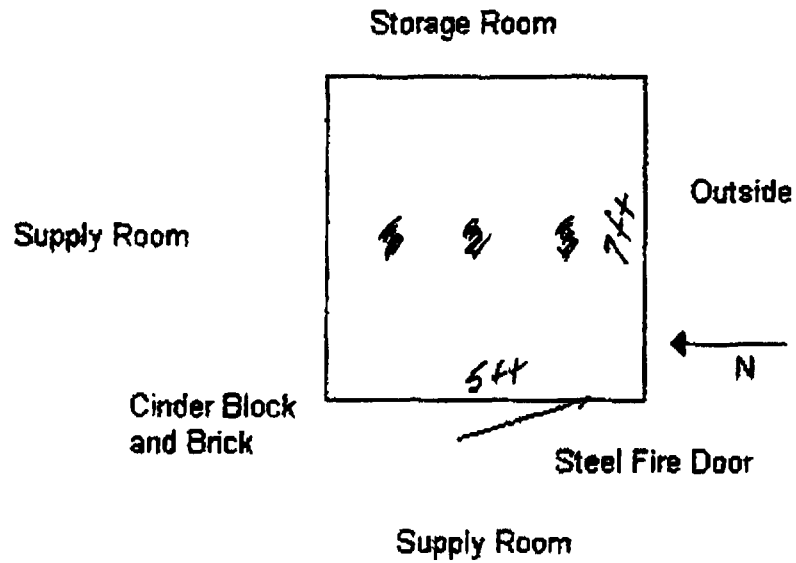
		cpm	net dpm	mR/h
1	Floor	76	190	0.02
2	Floor	7	17	0.02
3	Floor	23	57	0.02
	Background	482.2		0.02

ACTION LEVELS: 2000 dpm

Conversion factor 2.5 dpm/cpm

COMMENTS: No evidence of removable contamination.

Garden City Osteopathic Hospital
License Number 21-04072-01





6245 INKSTER ROAD • GARDEN CITY, MICHIGAN 48135-2599 • (734) 421-3300

IMAGING SERVICES DEPARTMENT
FAX NUMBER 734-421-8874Date 2/16/07

030-02036

Number of Pages 8 Plus CoverTO: United States Nuclear Regulatory Commission
LOCATION: ATIN: Material LicensingFROM: Jim Williamson
LOCATION: GCHSpecial Instructions: _____

_____* If there are any problems with this transmission, please
contact me at this number 734 458-3479.

jmh