ROENTGEN ASSOCIATES, P.C.

Peter K. McLeod, M.D. 1198 N. BELSAY ROAD BLDG. 2 SUITES A & B BURTON, MI 48509

Telephone (810) 743-6190

FAX (810) 743-3202

March 10, 2008

United States Nuclear Regulatory Commission Region 111, Materials Licensing 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

RE: LICENSE TERMINATION

Dear Sir/Madam:

The Purpose of this letter is to terminate our current NRC license, #21-20128-01, located at 1198 N Belsay Rd., Building 2, Suites A&B. We have disposed all of radioactive material via waste disposal services, ADCO Services, Inc., Tinley Park, IL phone #708-429-1660.

A close-out survey was performed on February 29, 2008 of the above address and is enclosed for your review.

The last date of receipt and use of radioactive material at this site was February 26, 2008, which was Tc-99m. A current copy of the leak test results for the sealed sources used at our facility is enclosed for your review. This facility is exempt from decommissioning due to low volumes and short physical half-lives of materials used.

We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

Please find the enclosed copy of the NRC form 314 for the termination of this license.

Thank you for your cooperation. If you have any questions or require additional information, please contact myself, Dr Peter Mcleod, at 810-743-6190 or our physics consultant, Laura Luna at 734-662-3197.

Respectfully Yours,

Dr Peter Mcleod M.D. Executive Management

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Dr Peter Mcleod M.D. Executive Management

Medical Physics Consultants, Inc.

Sealed Source Leak Test

Licensee: Roentgen Associates, P.C. (Belsay)

Date: 02/07/08

Performed by:

Laura Luna

Nuclide	Type	Calibration Activity	Calibration Date	on Location	M/N	S/N
Cs-137	Vial	255.3 uCi	04/01/81	Hot Lab	CDC.VI	3124MA
Ba-133	Vial	275.5 uCi	06/01/81	H.L. Stor	BDC.VI	2098MA
Cs-137	Vial	258.3 uCi	06/01/81	H.L. Stor	CDC.VI	3206MA
Cs-137	Rod	0.108 uCi	12/14/98	Hot Lab		S1395035
Cs-137	Vial	265.3 uCi	06/01/81	Hot Lab	CDC.VI	3209MA
Ba-133	Vial	278.1 uCi	06/01/81	Hot Lab	BDC.VI	2096MA
Cs-137	Rod	1.03 uCi	10/20/81	Hot Lab	NEN	02118
Gd-153	Dose	1 Ci	01/30/90	H.L. Storage	GDC.CXI	2292LN

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. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

Well Counter: Captus 3000

 Nuclide
 MDA
 Background

 Cs-137
 2.0 x 10 -4 uCi
 145 counts/1 min

 Ba-133
 8.8 x 10 -5 uCi
 204 counts/1 min

 Co-57
 1.7 x 10 -5 uCi
 53 counts/1 min

RADIATION SAFETY OFFICER:

Sealed Source Leak Test Page 1

NRC FORM 314 U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0028	EXPIRES: 08/31/2010		
9-2007) 10 CFR 30:36(j)(1): 40:42(j)(1): 70:38(j)(1): and 72:54(k)(5)(1)(1) CERTIFICATE OF DISPOSITION OF MATERIALS	Estimated burden per response to comply with this mandatory collection request 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52). U.S. Nuclear Regulatory Commission. Washington DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer. Office of Information and Regulatory Affairs. NEOB-19202, (3150-0028). Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a			
ICENSEE NAME AND ADDRESS	person is not required to respond to, the information LICENSE NUMBER	DOCKET NUMBER		
ROENTGEN ASSOCIATES, P.C. Building #2 Suites	21-20128-01	030-17996		
A&B 1198 N Belsay Rd Burton MI 48509	LICENSE EXPIRATION DATE 03/31/2014			
A. LICENSE STATUS (Check the This license has expired. This license has not yet expired; please				
B. DISPOSAL OF RADIOACT (Check the appropriate boxes and complete as necessary. If additional space is not be licensee, or any individual executing this certificate on behalf of the licens 1. No radioactive materials have ever been procured or possessed by	eeded, provide attachments) ee, certifies that.			
•		anned by the Course		
 All activities authorized by this license have ceased, and all radioac under this license number cited above have been disposed of in the a. Transfer of radioactive materials to the licensee listed below: 		sessed by the licensee		
∠ b. Disposal of radioactive materials:				
Directly by the licensee:				
2. By licensed disposal site:				
✓ 3. By waste contractor:				
Adco Services Inc. 17650 Duvan Dr Tinley I	Park IL 60477 (708)429-16	60		
c. All radioactive materials have been removed such that any rema Part 20, Subpart E, and is ALARA.	ining residual radioactivity is within	the limits of 10 CFR		
C. SURVEYS PERFORMED A	ND REPORTED			
1. A radiation survey was conducted by the licensee. The survey confi	ms:			
√ a. the absence of licensed radioactive materials				
b. that any remaining residual radioactivity is within the limits of 10	CFR 20, Subpart E, and is ALARA	۸.		
2. A copy of the radiation survey results:				
✓ a is attached; or b. is not attached (Provide explanation); or	c. was forwarded to NRC on:	Oate		
3 A radiation survey is not required as only sealed sources were ever	possessed under this license, and	Cale		
a. The results of the latest leak test are attached; and/or	b. No leaking sources have eve	er been identified.		
The person to be contacted regarding the information provided on this form: NAME Dr Peter Mcleod MD Radiation safety officer Mail all future correspondence regarding this license to	TELEPHONE (Include An (810) 743-619			
C. CERTIFYING OF		· ·		

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE

PRINTED NAME AND TITLE

Your mylesd

DATE 3-10-07

Close-out Survey

Date performed: February 29, 2008

Performed by: Laura M. Luna, B.S.

Comments: Sealed sources and radioactive trash were disposed of via waste

contractor prior to performing the close-out survey.

Instruments

Wipe tests analyzed with a Captus 3000 (full spectrum) Well Counter #900271.

Instrument: Well Counter

Radionuclide:

Cs-137

MDA for Cs-137:

245 dpm

Date completed:

02/29/08

Conversion factor: 7.53 cpm / dpm

Area survey performed with the following survey meter:

Manufacturer:

Eberline

Type:

GM

Model Number:

E-520 2303

Serial Number: Probe Model:

Side Window

Annual Calibration Due:

02/24/09

Battery check acceptable:

YES

Operational check acceptable:

YES

Current reading:

2.0 mR/hr

History of Radionuclides Used

Unsealed

Tc-99m last used 02/26/08, I-13 last used 2004, and Ga-67 last used 2002.

Sealed

Cs-137 last used 02/26/08.

Last date of byproduct radiopharmaceutical use: February 26, 2008.

Close-out Survey - continued

Visual Check: The area was checked to ensure that all sealed sources and radioactive waste had been removed. No evidence of radioactive material was noted.

Sealed Source Leak Testing: No history of leaks from Sealed Sources.

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

Removable Contamination: No area within the department demonstrated removable contamination in excess of 44.0 dpm's. There is no history of any spills of long-lived radioisotopes.

Conclusion: No radioactive materials remain in this department. No removable contamination is present.

Roentgen Associates, P.C. 1198 N. Belsay Road Burton, MI 48509 #21-20128-01



	Corr	idor	10	17	18	25
1	3 Hot Lab	7 Office 8	11 Imaging Room	16	19	24
Counter	5			15		23
	6	9	13	14	21	22



Roentgen Associates G-5067 W. Bristol Rd Flint, MI 48507

CERTIFIED MAIL



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FIRST CLASS MAIL

UNITED STATES NUCLEAR REGULATORY COMMISSION Region 111, Office of Materials Licensing 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352







