RECEIVED
REGION 1

Mr. James Dwyer , Branch Chief
Licensing Assistant Section
Nuclear Material Safety Branch
US Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA. 19406-1415

5/12/05

MAY 1 [illegible]

Q-9

Dear Mr. James Dwyer,

I am writing in regards to Materials License 29-30851-01, Docket No. 03036439 for Verto Institute located at 303 B. College Road East, Princeton, NJ 08540. Verto Institute has been notified by its Board and VP of R&D Evan Vosburgh, that it will be closing this facility by July 30, 2005. I would like to give 60-days notice to the NRC regarding the termination of our NRC Material License. I have been in contact with John Nicholson by phone and have discussed this issue with him. Verto Institute has never received any radioactive materials at this site or under this license. Decommissioning of the facility should not be necessary as no radioactive work has ever taken place under Verto Institutes time at this location. Verto Institute is in procession of a scintillation counter and check source kit for the scintillation counter. I will transfer or dispose of as per conditions outlined for generally licensed devices and materials. All postings in assigned rooms denoted in License will be removed. Attached you will find a completed NRC Form 314 Certificate of Disposition of Materials. I performed a survey of locations mentioned in the license and have attached a copy of my survey form as per part C of NRC Form 314. Also you will find a copy of the calibration certificates for equipment that was used.

If any other information is needed, please advise. My phone number is 609-419-9000 x126, my email is kkerod@verto-institute.org

Thank you for your help in this matter.

Sincerely,

Kevin J. Kerod

Kevin J. Kerod
RSO

Cc: John Nicholson

136747

NMSS/RGN1 MATERIALS-002

NRC FORM 314 (6-2004)
10 CFR 30.36(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(j)(1)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028 EXPIRES: 06/30/2007

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-10202, (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 person is not required to respond to, the information collection.

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS	LICENSE NUMBER	DOCKET NUMBER
Verto Institute 303 B. College Road East Princeton, NJ 08540	29-30851-01	03036439
	LICENSE EXPIRATION DATE: January 31, 2014	

A. LICENSE STATUS *(Check the appropriate box)*

☐ This license has expired. ☑ This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

☑ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.

☐ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.

☐ a. Transfer of radioactive materials to the licensee listed below:

☐ b. Disposal of radioactive materials:

☐ 1. Directly by the licensee:

☐ 2. By licensed disposal site:

☐ 3. By waste contractor:

☐ c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

☑ 1. A radiation survey was conducted by the licensee. The survey confirms:

☐ 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.

☑ 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: _____ Date

☐ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

☐ a. The results of the latest leak test are attached; and/or ☐ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE *(Include Area Code)*	E-MAIL ADDRESS
Kevin Kerod	EH&S/Facility Manager/ RSO	6094199000 x126	KKerod@verto-institute.org

Mail all future correspondence regarding this license to:
Evan Vosburgh VP of R&D Verto Institute 1 Stamford Forum, 201 Tresser Blvd. Stamford, CT. 06901-3431

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Kevin Kerod Radiation Safety Officer	Kevin S Kerod	5-9-05

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.

13677

CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

INSTRUCTIONS

Section B, Item 2.
Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

Section B, Item 2.a.
The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

Section B, Item 2.b.
For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

Section B, Item 2.c.
"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION
U. S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

Verto Institute 303 B. College Road East Princeton NJ, 08640
5/12/2005 RSO Kevin J. Kerod
Final Radiation Survey and Removable Contaimination Surveys

Date	Name	Location	Measurement (cpm)	Measurement mSv/h	Measurement MBq/100cm2
5/10/2005	KJK	Rm 145	40	0.0004	na
5/10/2005	KJK	Lab 209	40	0.0003	na
5/10/2005	KJK	Lab 208	40	0.0003	na
5/11/2005	KJK	All Equipment	40	0.0003	<0.0000036

Notes: Survey Meter Ludlum Model 3 Serial No.67279
Probe Model 44-9 Serial No. Pr095461
Calibration due date: 12/17/05
Scintillation Counter Model: RackBeta 1209 Serial Number: 575 Calibration Due Date: January 24, 2006

All results show background radiation values which meet the Radiological Criteria for License Termination 10CFR Part 20 Subpart E

All Wipe Test Results/Removable Contamination Surveys indicate compliance with Regulatory Guide 8.23 Table 2 "Recommended Actions Levels for Removable Surface Contamination In Medical Institutions" Unrestricted areas.

Surveys performed in room locations, additional wipe test performed for equipment
No radioactive material ever used at Verto Institute under this license.

All surveys performed by Kevin J. Kerod RSO

KJK
5-12-05

PerkinElmer
precisely

FIELD SERVICE REPORT

PerkinElmer Inc.
710 Bridgeport Ave
Shelton, CT
06484
US

Telephone: 1 800 7624000 Fax: 1 203 9444914
V.A.T. Code:

Service Order No.	Activity Code	Desired Start Date	Model	Serial No.
000320311412	REP	1/6/2005	RACKBETA1209	575
Engineer Name		Work Center	Contract No.	Expiration Date
Westlake,Scott		US03949	-	

Customer Name/Address	Bill To Name/Address
VERTO INSTITUTE LLC 303 B COLLEGE RD E PRINCETON NJ 08540	

Contact Name	Phone No.	Fax No.	Customer PO No.
KEROD, KEVIN	609-419-9000 X126		KK010305

Work Description

Act. Hrs.	Act. Date	Start / Finish	Short Description	Detailed Description
1.5	1/24/2005		PM Visit	Cleaned sample deck and changer. Checked all mechanical and electrical functions. Ran standards 65% H-3 96% C-14 efficiencies. Created protocol for I-125 counting program #5. SYSTEM OK. 24JAN2004
3	1/24/2005		Travel	Travel

Materials

Qty	Part No.	Material Description	Kit	Unit Amount	Total Amount

Job Completed	Labor Hours	Travel Hours	Maintenance Done
☑ Yes ☐ No	1.5	3.	☐ Maintenance/IPV protocol left with customer

PerkinElmer Engineer Signature	Date
Scott Westlake	24JAN2005
Customer Signature	Date
Customer acknowledgement of receipt of the above repair / replacement.	

	Qty	Unit Amt	Total Amt
Total Materials			
Total Travel Hours			
Total Labor Hours			
Total Amount			
V.A.T. _____ %			
Total			

Special Terms and Conditions:
This is not an invoice.

KK 1-31-05

Designer and Manufacturer of Scientific and Industrial Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
POST OFFICE BOX 810 PH. 325-235-5494
501 OAK STREET FAX NO. 325-235-4672
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER VERTO INSTITUTE LLC ORDER NO. 227888/287544

Mfg. Ludlum Measurements, Inc. Model 3 Serial No. 67279

Mfg. Ludlum Measurements, Inc. Model 44-9 Serial No. PR095461

Cal. Date 17-Dec-04 Cal Due Date 17-Dec-05 Cal. Interval 1 Year Meterface 202-330

Check mark ☑ applies to applicable Instr. and/or detector IAW mfg. spec. T. 72 °F RH 20 % Alt 709.8 mm Hg

☐ New Instrument Instrument Received ☑ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☐ Window Operation ☑ Geotropism
☑ Audio ck. ☐ Alarm Setting ck. ☑ Batt. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 900 V Input Sens. 26 mV Det. Oper. 900 V at 26 mV Threshold Dial Ratio ____ = ____ mV

☐ HV Readout (2 points) Ref./Inst. ____ / ____ V Ref./Inst. ____ / ____ V

COMMENTS:

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
X 100	150 mR/hr	1.5	1.5
X 100	50 mR/hr	0.5	0.5
X 10	15 mR/hr	1.5	1.5
X 10	5 mR/hr	0.5	0.5
X 1	1.5 mR/hr = 3670 cpm	1.5	1.5
X 1	1.0 mR/hr	1.0	1.0
X 0.1	367 cpm	1.5	1.5
X 0.1	122 cpm	0.5	0.5

*Uncertainty within ± 10% C.F. within ± 20%

X 0.1 **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978 State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources:

Cs-137 Gamma S/N ☐ 1162 ☑ G112 ☐ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☑ E551 ☐ 720 ☐ 734 ☐ 1616 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N ____ ☐ Beta S/N ____ ☐ Other ____

☑ m 500 S/N 578881 ☐ Oscilloscope S/N ____ ☑ Multimeter S/N 80040300

Calibrated By: Michael J Thomas Date 17-Dec-04

Reviewed By: LQ Ludlum Date 18 Dec 04

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.
FORM C22A 11/26/2003

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed: ____