LEHIGH VALLEY HOSPITAL
AND HEALTH NETWORK

MS16
K-8

February 5, 2008

Sandra Gabriel
Senior Health Physicist
Medical Branch
NRC Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

RECEIVED
REGION 1
2008 FEB -8 AM 11:14

RE: Lehigh Valley Hospital
License No. 37-01548-01
Docket No. 03002987
Mail Control No. 141391

Ms. Gabriel:

In response to your request for additional information regarding our license amendment request dated November 26, 2007, we respectfully submit the following:

1. Medical physicist qualifications for HDR use

   a. Andrew Palmiotti's transcript from Georgia Institute of Technology is attached.
   b. Andrew Palmiotti has not received vendor training for our specific HDR unit, but has received training under the supervision of AMP John Niemkiewicz, PhD, in those tasks delineated in 10 CFR 35.51c.

2. Removal of sealed brachytherapy sources from NRC License No. 37-01548-01

   a. The CDCT.1 sources should be removed along with Isotope Products Laboratories, Model 67-800 and Gamma Industries, Inc. Mode MS-1-67-600.
   b. Of the remaining sources, the current total source activity and the maximum activity per source relative to 35.400 are as follows:

Sources	Number of Sources	Maximum Activity
IPL 067-6500 Series (Cs-137)	4	20 mg Ra•eq
IPL 067-6500 Series (Cs-137)	4	15 mg Ra•eq
IPL 067-6500 Series (Cs-137)	4	10 mg Ra•eq
IPL 067-6500 Series (Cs-137)	1	5 mg Ra•eq

141391

NMSS/RGN1 MATERIALS-002

AMCC MAGNET RECOGNITION

c. Regarding the final disposition of the Cs-137 sources referenced in Section 2.a. above, both a letter dated April 2, 2007 and signed manifest documenting the receipt of sources shipped by Philotronics to Alaron are enclosed.

3. Please update items 7H, 8H, and 9H of this license to reflect the details provided in our license renewal correspondence of March 23, 2005. The device referenced therein contains only a single source.

Please contact me if you have additional questions regarding any of these items. Thank you in advance.

Sincerely,

Cynthia Goodman-Mumma, RSO
Cynthia.Goodman-Mumm@lvh.com
610-402-8385

GEORGIA INSTITUTE OF TECHNOLOGY

A UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA
OFFICE OF THE REGISTRAR - ATLANTA, GEORGIA 30332-0315

DEGREE VERIFICATION CERTIFICATE

Date Requested: 01/22/2008
Page: 1

ISSUED TO STUDENT:
Andrew George Palmiotti

Record of: Andrew George Palmiotti [redacted]

Student No: 901757822
Birth Date: [redacted]
SSN: [redacted]

Degree Information

Awarded Degree: MS in Health Physics
Graduation Date: 05-AUG-2005
Graduation Term: Summer 2005
Graduation Year: 2006

The Georgia Institute of Technology FICE code is 001569. Accreditation information can be found on our catalog website at http://www.catalog.gatech.edu/general/accred.php.

Contact Information:

Reta Pikowsky, Registrar
Phone: 404-894-4150
Fax: 404-894-0167
Email: comments@registrar.gatech.edu
Website: www.registrar.gatech.edu

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OFFICIAL DOCUMENT

Student No: 901-75-7822 Date of Birth: [redacted]

Date Issued: 23-JAN-2008
EXTW
Page: 1

Issued To: ANDREW G. PALMIOTTI
[redacted]

Record of: Andrew George Palmiotti

Current Program:
Major : Health Physics

Comments:
SSN [redacted]

Degree Awarded : MS in Health Physics 05-AUG-2005
Major : Health Physics

SUBJ	NO.	C	COURSE TITLE	CRED	GRD	PTS	R

TRANSFER CREDIT ACCEPTED BY THE INSTITUTION:
SP1993 Manhattan College

ME	6XXX		Mech Engr Elective	3.00	T		

Ehrs: 3.00 GPA-Hrs: 0.00 Pts: 0.00 GPA: 0.00

INSTITUTION CREDIT:

Fall 2002
Health Physics

HP	6403	1	Radiological Health I	3.00	A	12.00	

Term: Ehrs: 3.00 GPA-Hrs: 3.00 Pts: 12.00 GPA: 4.00

********** CONTINUED ON NEXT COLUMN **********

SUBJ	NO.	C	COURSE TITLE	CRED	GRD	PTS	R

Institution Information continued:

Spring 2003
Health Physics

HP	6406	1	Radiological Health II	3.00	B	9.00	
HP	6506	1	Operational Health Phys	3.00	A	12.00	

Term: Ehrs: 6.00 GPA-Hrs: 6.00 Pts: 21.00 GPA: 3.50

Fall 2003
Health Physics

CEE	6790	1	Air Pollution:Phys&Chem	3.00	A	12.00	
HP	6756	1	Radiation Physics	3.00	B	9.00	

Term: Ehrs: 6.00 GPA-Hrs: 6.00 Pts: 21.00 GPA: 3.50

Spring 2004
Health Physics

HP	6755	1	Rad Assessment&Waste Mgt	3.00	A	12.00	
HP	6757	1	Radiation Detection	3.00	A	12.00	

Term: Ehrs: 6.00 GPA-Hrs: 6.00 Pts: 24.00 GPA: 4.00

Fall 2004
Health Physics

HP	8903	1	Spec Prob-Health Physics	3.00	A	12.00	

Term: Ehrs: 3.00 GPA-Hrs: 3.00 Pts: 12.00 GPA: 4.00

Spring 2005
Health Physics

HP	6601	1	Industrial Hygiene	3.00	A	12.00	

Term: Ehrs: 3.00 GPA-Hrs: 3.00 Pts: 12.00 GPA: 4.00

********** CONTINUED ON PAGE 2 **********

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Reta Pikowsky, Registrar
Georgia Institute of Technology

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TO VERIFY: TRANSLUCENT GLOBE ICONS MUST BE VISIBLE WHEN HELD TOWARD LIGHT SOURCE

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OFFICIAL DOCUMENT

Student No: 901-75-7822 Date of Birth: [redacted]

Date Issued: 23-JAN-2008
EXTW
Page: 2

Record of: Andrew George Palmiotti

********* BEGIN GRADUATE SEMESTER TOTALS *********

	Earned Hrs	GPA Hrs	Points	GPA
TOTAL INSTITUTION	27.00	27.00	102.00	3.77
TOTAL TRANSFER	3.00	0.00	0.00	0.00
OVERALL	30.00	27.00	102.00	3.77
REGENTS	27.00	27.00	102.00	3.77

ACADEMIC STANDING Good Standing

********** END GRADUATE SEMESTER TOTALS *********

********** END OF TRANSCRIPT **********

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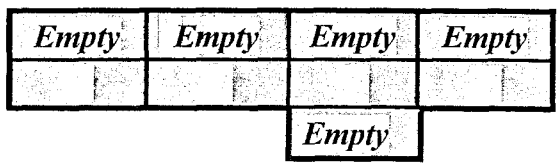
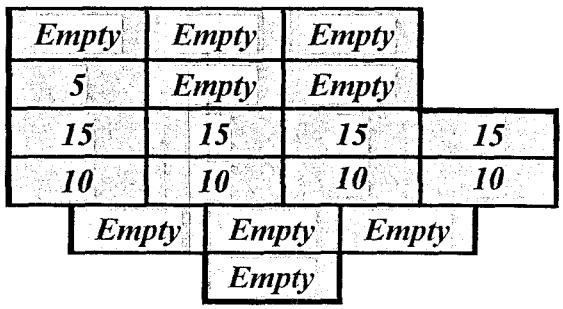
Cesium-137 Inventory

IPL series 067-6500 sources (mgRaeq)





Color Codes:

- *5 mg Ra eq:* *Purple*
- *10 mg Ra eq:* *Red*
- *15 mg Ra eq:* *Black*
- *20 mg Ra eq:* *White*
- *25 mg Ra eq* *NONE*

PHILOTECHNICS

April 2, 2007

Dr. John Niemkiewicz
Lehigh Valley Hospital
P.O. Box 689
Allentown, PA 08105-1556

Subject: Shipment Receipt Acknowledgement

Dear Dr. Niemkiewicz:

In accordance with the requirements of 10 CFR 20, Appendix G, Section III, C.1., the attached signed manifest copy is provided as your notice of receipt and acceptance of the radioactive waste materials specified on the manifest. Manifest No. 0067-030707 was received at Alaron on March 19, 2007.

This letter is acknowledgement of receipt only. Any manifest discrepancies found during unloading or processing will be reported at a later date.

Please contact me if you have any questions or require additional information. I can be reached at 888-RADWASTe or 865-285-3006 (direct), or via email at pseiber@philotechnics.com.

Sincerely,

Philotechnics, Ltd.

Patty Seiber
Brokerage Clerk

ps
Enclosure

APR-03-2007 13:42 Philotechnics / Oak Ridge 865 220 0686 P.02

TOTAL P.02

EXPIRES: 03/31/2007

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.

NRC FORM 540 (3-95) — U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
800-424-9300

ORGANIZATION
CHEMTREC

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
[ ] YES
[X] NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ==> 1

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? [ ] YES [X] NO
If "Yes", provide Manifest Number ==>

EPA MANIFEST NUMBER
N/A

5. SHIPPER - NAME AND FACILITY
Philotechnics, Ltd @ Lehigh Valley Hospital
Cedar Crest & I-78
Allentown, PA 18105-1556

USER PERMIT NUMBER

SHIPMENT NUMBER
0067-030707

CONTACT
Cynthia Goodman-Mumma

TELEPHONE NUMBER (Include Area Code)
(610) 402-8366

6. CARRIER - Name and Address
R & R Trucking
302 Thunder Road
Duenweg, MO 64841

Truck #:

Trailer #:

CONTACT
Mitch Lunsford

TELEPHONE NUMBER (Include Area Code)
866-252-2784

SIGNATURE - Authorized carrier acknowledging waste receipt — **DATE** 3-7-07

SHIPMENT ID NUMBER
0067-030707

X **COLLECTOR**
PROCESSOR
X **GENERATOR TYPE** (Specify) M

EPA I.D. NUMBER
MOR000501973

SHIPPING DATE
03/07/2007

7. FORM 540 AND 540A PAGE 1 OF 1 PAGE(S)
FORM 541 AND 541A 1 PAGE(S)
FORM 542 AND 542A 1 PAGE(S)
ADDITIONAL INFORMATION NONE PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
0067-030707

9. CONSIGNEE - Name and Facility Address
Alaron Corp.
Operated By Alaron
N.E. Regional Facility-Rte. 15
Wampum, PA 16157

CONTACT
Jonathan Wallace

TELEPHONE NUMBER (Include Area Code)
(724) 535-5777

SIGNATURE - Authorized consignee acknowledging waste receipt

DATE 3-19-07

10. CERTIFICATION

This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and in proper condition for transportation and disposal in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE — **TITLE** Logistics Mgr. — **DATE** 3-7-07

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY MBq	16. TOTAL PACKAGE ACTIVITY mCi	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RADIOACTIVE MATERIAL, TYPE A PACKAGE, 7, UN2915	Yellow III	5.1	SOLID/METAL OXIDES	CS-137	28508.500000	(770.500000)	NA	7.50 ft³	07-001294
SOURCES/TRANSHIP								540.00000 lb	(DRUM-1)

RECEIVED
MAR 15 2007

07-0099

FOR CONSIGNEE USE ONLY
2nd Carrier: Chase Envir. - (R+R Trucking)
James R Cabage
Driver: X 3/9/07

20. Generator Certification Statement

A) Radioactive Materials. Certification is hereby made that the shipment of low-level radioactive waste has been prepared in accordance with a radioactive waste management program which has been approved by the Nuclear Regulatory Commission or an Agreement State regulatory agency and with the current revision of the site Material Acceptance Criteria.
B) Hazardous Materials. Generator hereby certifies that this material does not contain a hazardous waste as defined in 40 CFR 261.
C) Date. Generator hereby represents and warrants that all data set forth in this [UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST] are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and site Radioactive Material Licenses.
D) INFECTIOUS SUBSTANCE: Generator hereby certifies that this material does not contain an infectious substance as defined in 49CFR 173.134

Print Name: N/A Signature on File — Signature — Date

NRC Form 540 (6-2004) — Modified Date: 03/08/2007 08:53