

From: Adam M. Henry [ahenry@keystonephysics.com]
Sent: Wednesday, October 17, 2012 6:16 AM
To: Nguyen, Janice
Cc: Abogunde, Maryann; jyoder@keystonephysics.com
Subject: RE: NRC Request for Information - Mail Control Number 579022
Attachments: PA-RAM license 0295 - Carlisle No 29.pdf; PA RAM License 0245- Brandywine No 34.pdf

Ms. Nguyen,
Good morning – Please see the attached RAM licenses as requested.
If you have any questions, please do not hesitate to contact me.
Thank You,

07-14850-01
03007565

Adam M. Henry, MS
Consultant Health Physicist
Keystone Physics Limited
153 Scarborough Lane
Millersville, PA 17551
voice: 1.866.755.2756 ext703
fax: 1.866.755.2756

Q-4
MS-16

From: Keystone - Jay [mailto:JYoder@keystonephysics.com]
Sent: Monday, October 15, 2012 10:37 PM
To: 'Nguyen, Janice'
Cc: 'Abogunde, Maryann'; ahenry@keystonephysics.com
Subject: RE: NRC Request for Information - Mail Control Number 579022

Ms. Nguyen,

I am forwarding your email to Adam Henry. He will be able to provide you with a copy of the 2 material licenses that you have requested in your email. When the amendment is complete, may I ask for a fax copy to be sent to my toll free number listed below. Simply fax to 866-755-2756, and do not use any extensions.

Should you need any further assistance on this matter, please feel free to call.

Kind Regards,

Jay M. Yoder, MS, DABR
President & Certified Medical Health Physicist
Keystone Physics Limited
153 Scarborough Lane
Millersville, PA 17551
1-866-755-2756 x.1
717-475-6782 (cell)
JYoder@keystonephysics.com

From: Nguyen, Janice [mailto:Janice.Nguyen@nrc.gov]
Sent: Monday, October 15, 2012 2:45 PM
To: jyoder@keystonephysics.com

Cc: Abogunde, Maryann

Subject: NRC Request for Information - Mail Control Number 579022

Licensee: Bayhealth Medical Center

License Number: 07-14850-01

Docket Number: 030-07565

Mail Control Number: 579022

Dear Mr. Yoder,

Could you please reply back to this email to confirm receipt?

As we discussed earlier today, this is in reference to your letter dated August 20, 2012, requesting to amend Nuclear Regulatory Commission License No. 07-14850-01.

In order to continue our review, we need the following additional information with regard to changing your Radiation Safety Officer (RSO) to Adam M. Henry:

1. Please submit copies of the licenses that currently list Adam M. Henry as RSO (PA-0245 Brandywine Hospital and PA-0295 Carlisle Regional Medical Center).

As I mentioned, the licensing action to add a high dose rate (HDR) remote afterloader is currently being reviewed by Maryann Abogunde under mail control number 579018. I will process the amendment to change RSO first. When the HDR is added, Ms. Abogunde will need the NRC Form 313A (RSO) resubmitted to show experience with HDR and signed by an appropriate preceptor (RSO on a HDR license). If any training has already been done with the manufacturer, she will need a copy of that as well.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits**, see our **toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

You may respond to my attention in writing by letter, email (if letter is scanned into a pdf format), or fax (610-337-5269), referencing mail control number 579022.

If we do not receive a reply from you within 30 days, we will assume that you do not wish to pursue your amendment. Please feel free to contact me with any questions you may have.

Please note that the office of the Region I USNRC Division of Nuclear Materials Safety has moved effective May 9, 2012. Our new address is:

U. S. Nuclear Regulatory Commission
Region I
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

Thank you in advance for your help.

Jan Nguyen

Janice Nguyen
Health Physicist
US Nuclear Regulatory Commission Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

(610) 337-5006
FAX (610) 337-5269



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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF RADIATION PROTECTION

RADIOACTIVE MATERIALS LICENSE

Page 1 of 3 Pages

License No. PA - 0295

Amendment No. 29

Pursuant to the Radiation Protection Act, the Act of July 10, 1984 (No. 147, P.L. 888)(35 P.S. §§ 7110.101 - 7110.703) and Title 25. Rules and Regulations, Article V. Radiological Health of the Pennsylvania Department of Environmental Protection, and in reliance on statements and representations heretofore Licensee to receive, acquire, possess, transfer, and use radioactive material listed below for the purposes and at the places designated below. This license shall be deemed subject to all applicable rules, regulations, or orders of the Pennsylvania Department of Environmental Protection now or hereafter in effect and to any conditions specified below.

Licensee	In response to correspondence received August 24, 2011
1. Carlisle Regional Medical Center	3. License No. PA - 0295 is amended as follows:
2. 361 Alexander Spring Road Carlisle, PA 17015	4. Expiration Date: February 28, 2014
	5. Client ID: 51381 Program Code: 2120 Priority: 3

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 500 millicuries

9. Authorized use:
A. Any approved uptake, dilution and excretion procedure permitted by 10 CFR 35.100
B. Any approved imaging and localization procedure permitted by 10 CFR 35.200
C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300, for which the patient can be released under the provisions of 10 CFR 35.75

CONDITIONS	
10.	Licensed material may be used only at the licensee's facilities located at 361 Alexander Spring Road, Carlisle, PA 17015
11.	The Radiation Safety Officer for this license is: Adam Henry



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BUREAU OF RADIATION PROTECTION

RADIOACTIVE MATERIALS LICENSE

Page 2 of 3 Pages

License No. PA - 0295

Amendment No. 29

12. Licensed Material is only authorized for use by, or under the supervision of:

- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Charles Austin, M.D.	35.100, 35.200, Iodine-131 sodium iodide for imaging and localization studies
Elizabeth Anne Bergey, M.D.	35.100, 35.200, Iodine-131 sodium iodide for imaging and localization studies
Jay D. Goodman, M.D.	35.100, 35.200, Iodine-131 sodium iodide for imaging and localization studies
Christine A. Gouldy, M.D.	35.100, 35.200, 35.300
Brian Harris, Ph.D., M.D.	35.100, 35.200
Cindy Jackson, M.D.	35.100, 35.200, Iodine-131 sodium iodide for imaging and localization studies
Anand Jagannath, M.D.	35.100, 35.200, Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism
David Kann, M.D.	35.200
Kiran Kapadia, M.D.	35.100, 35.200, Iodine-131 sodium iodide for imaging and localization studies
Dennis E. Line, M.D.	35.100, 35.200
Wallace Longton, M.D.	35.300
Ronald H. Malcom, M.D.	35.300
Douglas J. Martin, M.D.	35.100, 35.200
Brian D. McInroy, M.D.	35.100, 35.200
Elias Najem, M.D.	35.100, 35.200, Oral administration of sodium iodide iodine-131 for diagnostic studies
Thomas J. Pietras, D.O.	35.100, 35.200
Paul S. Potok, M.D.	35.100, 35.200, Iodine-131 sodium iodide for imaging and localization studies



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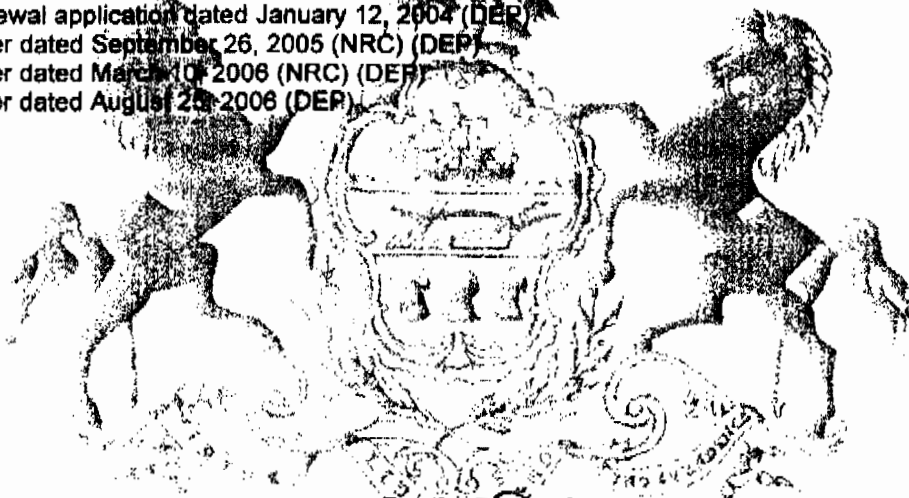
RADIOACTIVE MATERIALS LICENSE

Page 3 of 3 Pages

License No. PA - 0295

Amendment No. 29

13. The licensee shall conduct an physical inventory every 6 months to account for all sealed sources and devices containing licensed material received and possessed pursuant to 10 CFR 35.65 incorporated by reference.
14. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified and incorporated by reference in 10 CFR 30.35(d) for establishing financial assurance for decommissioning.
15. The licensee may transport licensed material, or deliver licensed material to a carrier for transport, in accordance 25 Pa Code Chapter 230, "Packaging and Transportation of Radioactive Material" and the provisions of 10 CFR Part 71 incorporated by reference.
16. Notwithstanding the requirements set forth in this license, the licensee shall comply with the regulations set forth in Title 25 of the Pennsylvania Code, Article V "Radiological Health" and the U.S. Nuclear Regulatory Commission, Title 10 Code of Federal Regulations Parts 19-150 incorporated by reference.
17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The Department of Environmental Protection's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Renewal application dated January 12, 2004 (DEP)
 - B. Letter dated September 26, 2005 (NRC) (DEP)
 - C. Letter dated March 10, 2006 (NRC) (DEP)
 - D. Letter dated August 25, 2008 (DEP)



For the Pennsylvania Department of Environmental Protection

John S. Chippe
Bureau of Radiation Protection
P. O. Box 8469
Harrisburg, PA 17105-8469

Date: August 29, 2011



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DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF RADIATION PROTECTION

September 28, 2012

Bryan D. Burklow
Chief Executive Officer
Coatesville Hospital Corporation
d/b/a Brandywine Hospital
201 Receville Road
Coatesville, PA 19320-0953

Re: Pennsylvania Radioactive Materials License PA-0245

Dear Mr. Burklow:

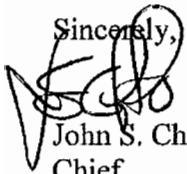
We are enclosing Amendment 34 to the referred license in response to correspondence dated September 19, 2012. This amendment removes Ira Braunschweig, M.D. as an Authorized User. Please note that your license expires November 30, 2012. If a renewal application is not received by October 1, 2012 you may not be eligible to receive a timely filed response from the Department.

Please forward the enclosed material appropriately.

Please note that the Commonwealth of Pennsylvania has "incorporated by reference" the NRC radiation protection regulations contained in 10 CFR Parts 19-150.

If there are any questions regarding this letter I can be contacted at (717) 787-3720.
Thank you for your cooperation.

Sincerely,



John S. Chippo
Chief
Radioactive Materials Section

Enclosure: PA-0245; Amendment 34



Pursuant to the Radiation Protection Act, the Act of July 10, 1984 (No. 147, P.L. 688) (35 P.S. §§ 7110.101 – 7110.703) and Title 25. Rules and Regulations, Article V. Radiological Health of the Pennsylvania Department of Environmental Protection, and in reliance on statements and representations heretofore Licensee to receive, acquire, possess, transfer, and use radioactive material listed below for the purposes and at the places designated below. This license shall be deemed subject to all applicable rules, regulations, or orders of the Pennsylvania Department of Environmental Protection now or hereafter in effect and to any conditions specified below.

Licensee		In response to correspondence dated September 19, 2011	
1. Coatesville Hospital Corporation d/b/a Brandywine Hospital		3. License No. PA – 0245 is amended as follows:	
2. 201 Reeceville Road Coatesville, PA 19320-0953		4. Expiration Date: November 30, 2012	
		5. Client ID: 63741 Program Code: 2120 Priority: 3	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed	
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed	
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 300 millicuries	
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed sources (Bard Brachytherapy, Inc. Model STM 1251)	D. 2 curies	

9. Authorized use:
A. Any approved uptake, dilution and excretion procedure permitted by 10 CFR 35.100.
B. Any approved imaging and localization procedure permitted by 10 CFR 35.200.
C. Any approved diagnostic study or therapy procedure permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.
D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS	
10.	Licensed material may be used or stored at the licensee's facilities located at Brandywine Hospital, 201 Reeceville Road, Coatesville, PA 19320.
11.	The Radiation Safety Officer for this license is: Adam M. Henry.



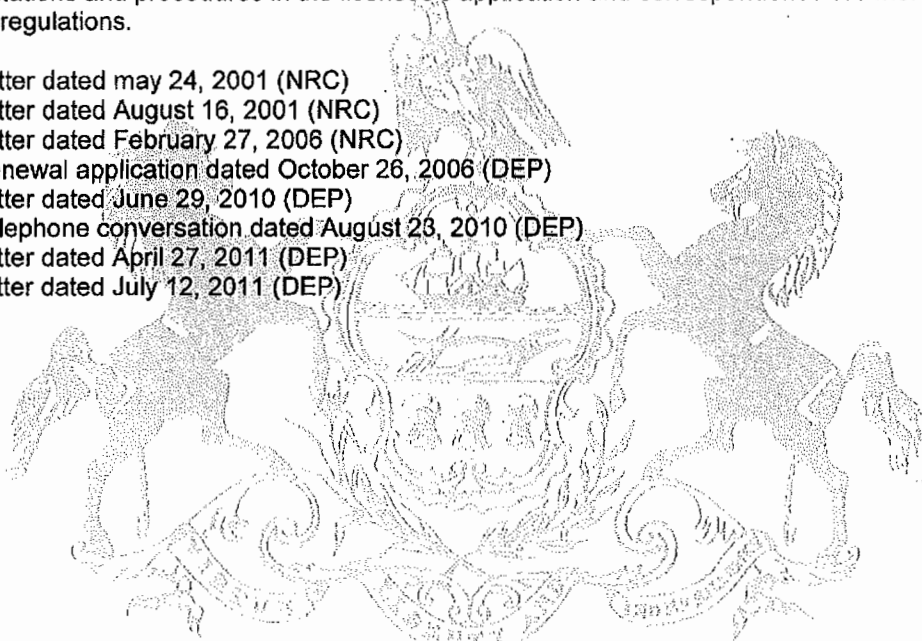
12. Licensed Material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
 - B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Won S. Chang, M.D.	35.300; 35.400
Heather Curry, M.D.	35.300; 35.400
Noble George, M.D.	35.100; 35.200; 35.300
James J. Holstein, M.D.	35.100; 35.200; Oral administration of I-131 in quantities less than or equal to 33 millicuries
Jeffrey Hung, M.D.	35.100; 35.200
Mark R. Krakovitz, M.D.	35.100; 35.200; 35.300
Gregory Oschner, M.D.	35.300; 35.400
Alexander Shpilman, M.D.	35.100; 35.200
Richard Yelovich, M.D.	35.300; 35.400

13. The licensee shall conduct a physical inventory every 6 months to account for all sealed sources and devices containing licensed material received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers and the date of the inventory.
14. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days and any sealed source with a physical half life of less than or equal to 300 days for decay-in-storage before disposal without regard to its radioactivity if it:
- A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and
 - B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and
 - C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of the disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.



15. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified and incorporated by reference in 10 CFR 30.35(d) for establishing financial assurance for decommissioning.
16. The licensee may transport licensed material, or deliver licensed material to a carrier for transport, in accordance 25 Pa Code Chapter 230, "Packaging and Transportation of Radioactive Material" and the provisions of 10 CFR Part 71 incorporated by reference.
17. Notwithstanding the requirements set forth in this license, the licensee shall comply with the regulations set forth in Title 25 of the Pennsylvania Code, Article V "Radiological Health" and the U.S. Nuclear Regulatory Commission (NRC), Title 10 Code of Federal Regulations Parts 19-150 incorporated by reference.
18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The Department of Environmental Protection's (DEP) regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Letter dated may 24, 2001 (NRC)
 - B. Letter dated August 16, 2001 (NRC)
 - C. Letter dated February 27, 2006 (NRC)
 - D. Renewal application dated October 26, 2006 (DEP)
 - E. Letter dated June 29, 2010 (DEP)
 - F. Telephone conversation dated August 23, 2010 (DEP)
 - G. Letter dated April 27, 2011 (DEP)
 - H. Letter dated July 12, 2011 (DEP)



For the Pennsylvania Department of Environmental Protection

John S. Chippe
Bureau of Radiation Protection
P. O. Box 8469
Harrisburg, PA 17105-8469

Date: September 28, 2012