



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 10, 2008

Docket No. 030-35267  
Control No. 141733

License No. 06-30543-01

Dorsey Kendrick, Ph.D.  
President  
Gateway Community College  
Nuclear Medicine Technology Program  
88 Bassett Road  
North Haven, CT 06473

SUBJECT: GATEWAY COMMUNITY COLLEGE, LICENSE AMENDMENT, CONTROL  
NO. 141733

Dear Dr. Kendrick:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U. S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

In accordance with NRC Regulatory Issue Summary (RIS) 2004-17, Revision 1: Revised Decay-In-Storage Provisions for the Storage of Radioactive Waste Containing Byproduct Material (<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2004/ri200417r1.pdf>), your license has been modified. Your license now contains a revised decay-in-storage (DIS) condition (see Condition 14 of the enclosed license). This revised condition permits greater flexibility for DIS of waste by eliminating a specific holding period prior to disposal. Please review the RIS 2004-17, Revision 1, and the revised condition carefully to ensure that you understand its requirements.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. 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 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

D. Kendrick  
Gateway Community College

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Thank you for your cooperation.

Sincerely,

***Original signed by Bryan A. Parker***

Bryan A. Parker  
Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 02

cc:  
Kathleen Murphy, Radiation Safety Officer

DOCUMENT NAME: C:\FileNet\ML081050234.wpd

**SUNSI Review Complete: BParker**

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NAME	BParker / <b>BAP</b> /							
DATE	4/10/08							

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**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with the application dated January 16, 2008,
1. Gateway Community College Nuclear Medicine Technology Program	3. License No. 06-30543-01 is amended in its entirety to read as follows:
2. 88 Bassett Road North Haven, Connecticut 06473	4. Expiration Date: April 30, 2010
	5. Docket No. 030-35267

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. Technetium 99m	A. Any	A. 30 millicuries
B. Cobalt 57	B. Sealed source (International Isotopes Idaho, Inc. Model BM01 Series)	B. Not to exceed 25 millicuries per source or 50 millicuries total
C. Cobalt 57	C. Sealed source (International Isotopes Idaho, Inc. Model BM06 Series)	C. Not to exceed 15 millicuries per source or 30 millicuries total
D. Cobalt 60	D. Sealed source (International Isotopes Idaho, Inc. Model BM06 Series)	D. Not to exceed 100 microcuries per source or 200 microcuries total
E. Barium 133	E. Sealed source (International Isotopes Idaho, Inc. Model BM06 Series)	E. Not to exceed 0.5 millicuries per source or 1.0 millicurie total
F. Cesium 137	F. Sealed source (International Isotopes Idaho, Inc. Model BM06 Series)	F. Not to exceed 0.5 millicuries per source or 1.0 millicurie total

9. Authorized use:
- A. - F. Teaching and training of students.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License No.  
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## CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at 88 Bassett Road, North Haven, Connecticut.
11.
  - A. Licensed material shall be used by, or under the supervision of, Kathleen Murphy.
  - B. The Radiation Safety Officer (RSO) for this license is Kathleen Murphy, MS, CNMT, RTN, NCT.
12. Licensed material shall not be used in or on human beings.
13. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
14. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 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 three years. The record must include the date of 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. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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16. 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. The U. S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated April 25, 2003 [ML031340446]
  - B. Facsimile dated May 20, 2003 [ML031470081]
  - C. Application dated January 16, 2008 [ML080450498]



For the U. S. Nuclear Regulatory Commission

Date April 10, 2008

By Original signed by Bryan A. Parker  
Bryan A. Parker  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406