

NMSB2

 **ALLIANCEIMAGING**

USNRC
 Licensing Assistance Team
 Division of Nuclear Materials Safety
 476 Allendale Road
 King of Prussia, PA 19406-1415

03035774
 License #47-25570-01

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To Whom It May Concern:

Please update our physician authorized user list as follows:

Authorized User Name	Facility	Isotope / Quantity	Purpose
Gary Morano, MD	WVU/PVH	As Authorized	As Authorized
Kelby Frame, MD	OVMC	As Authorized	As Authorized
Steven Barnett, MD	DMH	As Authorized	As Authorized
Alan Lintala, MD	RGH	As Authorized	As Authorized
Shawn Reesman, MD	RGH	As Authorized	As Authorized
Mercedes Ramas, MD	RGH	As Authorized	As Authorized
C. Richard Daniel, MD	RGH	As Authorized	As Authorized
Henry Setliff, MD	RGH	As Authorized	As Authorized
Daniel Fowler, MD	BRMC	As Authorized	As Authorized
Robert Smith, MD	TMH	As Authorized	As Authorized
Dana Olson, MD	PCH	As Authorized	As Authorized
Colin Rose, MD	GVMC	As Authorized	As Authorized
Richard McWhorter, MD	SMH	As Authorized	As Authorized
Pete Chirico, MD	SMH	As Authorized	As Authorized
William Sheils, MD	SMH	As Authorized	As Authorized
Rick Compton, MD	SMH	As Authorized	As Authorized
Rodger Blake, MD	SMH	As Authorized	As Authorized
Alan Cochrane, MD	SMH	As Authorized	As Authorized
Marsha Anderson, MD	SMH	As Authorized	As Authorized
Ken Miller, MD	CCMH	As Authorized	As Authorized
Craig Chambers, MD	CCMH	As Authorized	As Authorized
Parke Thrush, MD	UHC	As Authorized	As Authorized
Stephen P. Raskin, MD	CROV	As Authorized	As Authorized
Peter Strobl, MD	SJH	As Authorized	As Authorized
Bharat Patel, MD	BARH	As Authorized	As Authorized

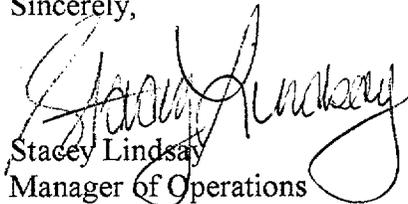
Also, please remove the following physician authorized users from our current license:

- Ezad N. Ahmed, M.D.
- Steven A. Artz, M.D.
- Mohammad Ebrahim Dehgen, M.D.
- M.R. Ramakrishnan, M.D.
- Herbert P. Rhodes, M.D.
- Marshall A. Wakat, M.D.

If you have any questions concerning this request for amendment, please contact our Radiation Safety Officer – Sharon Long 888-456-5255.

Thank you for your attention to this matter.

Sincerely,



Stacey Lindsay
Manager of Operations
Southeast Region
Office 304.776.1925
Mobile [REDACTED]

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

Attachment

Gary Morano, M.D. is listed as an authorized user on the Broadscope License for West Virginia University.

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 letter dated February 16, 2006,
1. Ohio Valley Medical Center	3. License number 47-17282-01 is amended in its entirety to read as follows:
2. 2000 Eoff Street Wheeling, West Virginia 26003-3870	4. Expiration date April 30, 2013
	5. Docket No. 030-12498 Reference No.

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. 1 curie
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed Sources (Nuclear Assoc. Models 67-811, 67-812, 67-813, 67-601; Best Medical Models 81-01, 2301; Mills Biopharmaceuticals, Inc. Model I-125SL; IsoAid LLC Model IAI-125A; and Bard Brachytherapy, Inc. Model STM 1251)	D. 2 curies
E. Strontium-90	E. Sealed Source (Tracer Lab Model RA-1A)	E. 75 millicuries
F. Iridium-192 permitted by 10 CFR 35.600	F. Sealed Sources [Nucletron Model 105.002 (Mallinckrodt Medical BV or AEA Technology Inc.)]	F. 2 sources, 1 source not to exceed 13 curies and 1 source not to exceed 10 curies

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

47-17282-01

Docket or Reference Number

030-12498

Amendment No. 34

9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - B. Any imaging and localization study permitted by 10 CFR 35.200.
 - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
 - D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
 - E. For storage only, incident to disposal.
 - F. One source for medical use permitted by 10 CFR 35.600, in a Nucletron Corporation Model MicroSelecton-HDR (105.999) brachytherapy remote afterloader unit. The source may not exceed 10 curies at the time of use. One source in its shipping container as necessary for replacement of the source in the remote afterloader unit.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 2000 Eoff Street, Wheeling, West Virginia.
- 11. The Radiation Safety Officer for this license is Yong K. Park, Ph.D.
- 12. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user, authorized nuclear pharmacist, and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
 - B. The following individuals are authorized users for medical use as indicated:

Authorized Users

Material and Use

Kelby L. Frame, M.D.

35.100; 35.200

James Patrizi, M.D.

35.100; 35.200; 35.300

Gurijala N. Reddy, M.D.

35.300; 35.400; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit

William Lee Noble, M.D.

35.100; 35.200; 35.300

Thomas F. Lee, M.D.

35.100; 35.200

Vincent P. Almario, Jr., M.D.

35.100; 35.200; 35.300

Srini Govindan, M.D.

35.100; 35.200

Mark C. Kenamond, M.D.

35.100; 35.200; 35.300

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-17282-01

Docket or Reference Number
030-12498

Amendment No. 34

<u>Authorized Users</u>	<u>Material and Use</u>
Joseph C. Capito, M.D.	35.100; 35.200
Devendra K. Batro, M.D.	35.200
Ryan Smith, M.D.	35.400; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit

C. The following individuals are authorized medical physicists as indicated:

<u>Authorized Medical Physicists</u>	<u>Material and Use</u>
Yong K. Park, Ph.D.	Ir-192 in a high dose rate remote after-loader unit for calibrations, spot-checks and training; Strontium-90 sealed source in storage
Krishna Komanduri, Ph.D.	Ir-192 in a high dose rate remote after-loader unit for calibrations, spot-checks and training
Frank P. Ottino, M.S.	Ir-192 in a high dose rate remote after-loader unit for calibrations, spot-checks and training

13. 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 in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices 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.
16. For sealed sources not associated with 10 CFR Part 35 use, the following conditions apply:
 - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.

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MATERIALS LICENSE

Duplicate

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

- 1. Camden-Clark Memorial Hospital Corporation
- 2. 800 Garfield Avenue
P.O. Box 718
Parkersburg, West Virginia, 26102

In accordance with the application dated December 20, 2004,

3. License number 47-09772-02 is amended in its entirety to read as follows:

4. Expiration date April 30, 2015

5. Docket No. 03003390
Reference No.

6. Byproduct, source, and/or special nuclear material

- A. Any byproduct material permitted by 10 CFR 35.100
- B. Any byproduct material permitted by 10 CFR 35.200
- C. Any byproduct material permitted by 10 CFR 35.300
- D. Any byproduct material permitted by 10 CFR 35.400

Chemical and/or physical form

- A. Any
- B. Any
- C. Any

D. Sealed Sources (3M Health Physics Services Model 6500 Series [formerly 6D6C], AEA Technology Model CDC.T1, Best Medical International, Inc. Model 2300 Series)

E. Sealed Source (AEA Technology Model 773)

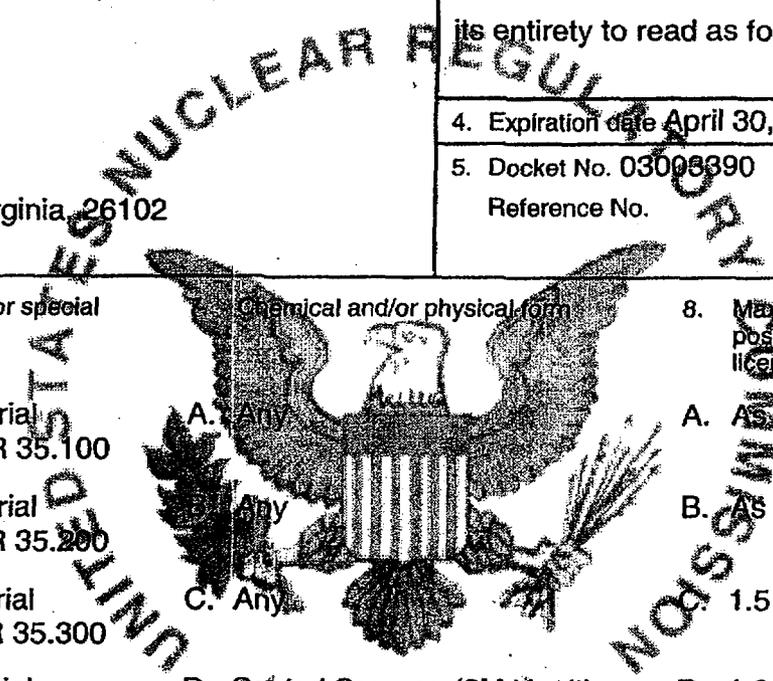
8. Maximum amount that licensee may possess at any one time under this license

- A. As needed
- B. As needed
- C. 1.5 curies
- D. 1.0 curies

E. 165 millicuries

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. For use in a U.S. Atomic Model CS-137SC or calibrations and checking of licensee's survey instruments.



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MATERIALS LICENSE
SUPPLEMENTARY SHEET

Duplicate

License Number 47-09772-02
Docket or Reference Number 03003390
Amendment No. 34

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 800 Garfield Avenue, Parkersburg, West Virginia and 705 Garfield Avenue, Parkersburg, West Virginia.
- 11. The Radiation Safety Officer for this license is Daniel Berkley.
- 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 medical use as indicated:

Authorized Users

Material and Use

Jeffrey Monaghan, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

Kenneth T. Miller, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

W. Michael Hensley, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

Bernard O. Garrett, D.O.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

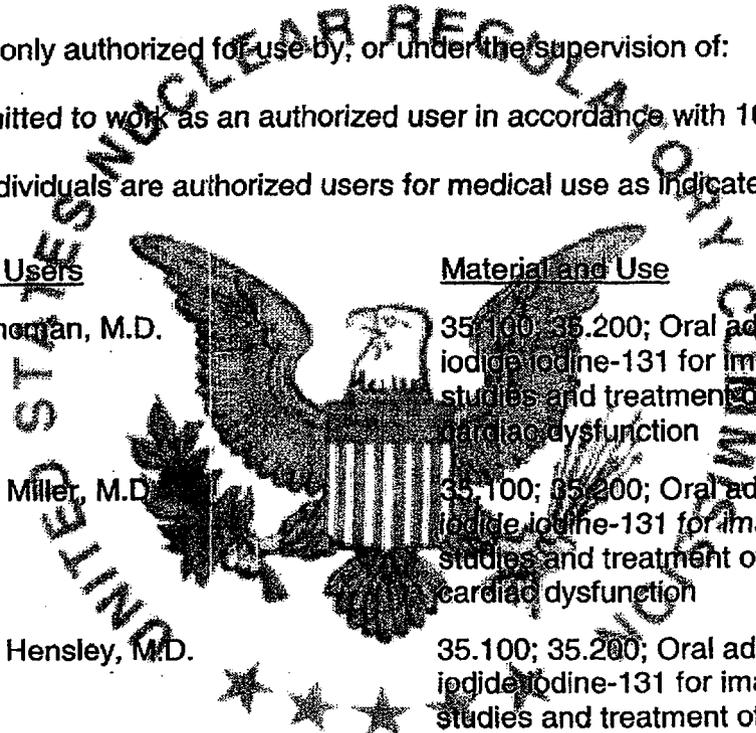
Terry C. Shank, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

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Duplicate MATERIALS LICENSE SUPPLEMENTARY SHEET

Duplicate Duplicate

License Number 17-09772-02
Docket or Reference Number 03003390
Amendment No. 34

Authorized Users

Material and Use

Joseph W. Eke, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

Craig A. Chambers, D.O.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

Chandra S. Sekar, M.D.

35.300; 35.400

Srini Vasam, M.D.

35.300; 35.400

C. The following individuals are authorized users for non-medical uses, as indicated:

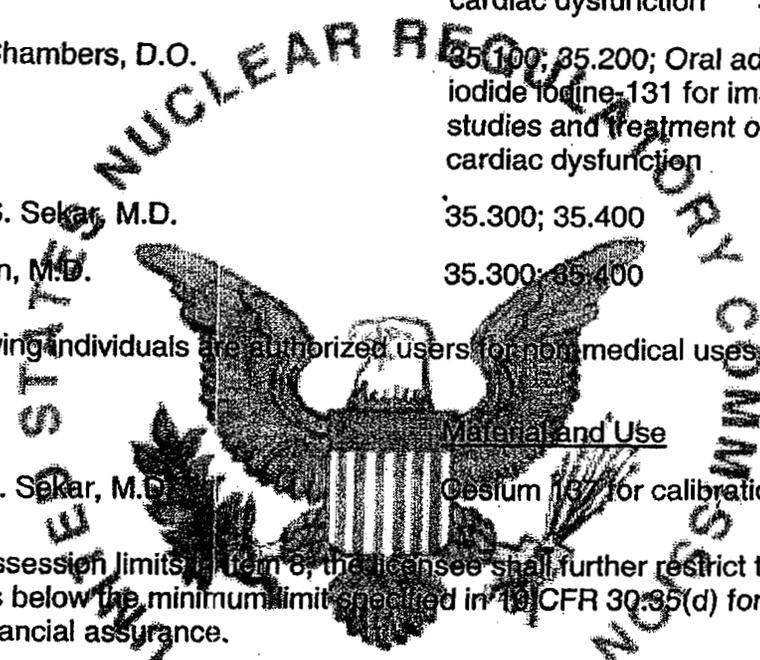
Users

Material and Use

Chandra S. Sekar, M.D.

Cesium 137 for calibration of instruments

- 13. 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 in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 14. For sealed sources not associated with 10 CFR Part 35 use, the following conditions apply:
 - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
 - B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
 - C. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.



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.

<p style="text-align: center;">Licensee</p> <p>1. Columbia St. Joseph's Healthcare System, L.P. d/b/a St. Joseph's Hospital</p> <p>2. 1824 Murdoch Avenue P. O. Box 327 Parkersburg, West Virginia 26102-0327</p>	<p>In accordance with the application dated July 6, 2006,</p> <p>3. License number 47-11709-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date April 30, 2015</p> <hr/> <p>5. Docket No. 030-03394 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p>
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9. Authorized use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.

B. Any imaging and localization study permitted by 10 CFR 35.200.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at St. Joseph's Hospital, 1824 Murdoch Avenue, Parkersburg, West Virginia.
11. The Radiation Safety Officer for this license is Paul E. Van Dyke, M.D.

Duplicate Duplicate

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-11709-01

Docket or Reference Number
030-03394

Amendment No. 27

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 medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Paul E. Van Dyke, M.D.	35.100; 35.200
Peter Wilhelm Strobl, M.D.	35.100; 35.200
Philip Harlow Strobl, M.D.	35.100; 35.200
Neil Robert Strobl, M.D.	35.100; 35.200

- 13. 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 in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

Duplicate Duplicate

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.

<p>Licensee</p> <p>1. Herbert J. Thomas Memorial Hospital</p> <p>2. 4605 MacCorkle Avenue, SW South Charleston, West Virginia 25309-1311</p>	<p>In accordance with the letter dated May 13, 2005,</p> <p>3. License number 47-17746-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date December 31, 2013</p> <p>5. Docket No.: 030-13267 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p>	<p>8. Maximum amount that licensee may possess at any one-time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 1000 millicuries</p>
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9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - B. Any imaging and localization study permitted by 10 CFR 35.200.
 - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 4605 MacCorkle Avenue, SW, South Charleston, West Virginia.
- 11. The Radiation Safety Officer for this license is Barry L. Davis.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-17746-01

Docket or Reference Number
030-13267

Amendment No. 42

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 medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
David Abromowitz, M.D.	35.100; 35.200; 35.300
Marvin Abdalah, M.D.	35.100; 35.200
Riad Al-Asbahi, M.D.	35.100; 35.200
James Baek, M.D.	35.100; 35.200; 35.300
Nicholas Cassis, Jr., M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131
Joseph DeVono, III, D.O.	35.200
Mary Elizabeth Faw, M.D.	35.300
Ravindra Gogineni, M.D.	35.100; 35.200; 35.300
Ramakrishnan Iyer, M.D.	35.100; 35.200
Marciano B. Lee, M.D.	35.200
Jane MaLoof, M.D.	35.100; 35.200; 35.300
Ahmed M. Sakkal, M.D.	35.200
Mohammed Babar Yousaf, M.D.	35.200
Robert Smith, M.D.	35.100; 35.200; 35.300

C. The following individuals are authorized users for non-medical uses as indicated:

<u>Users</u>	<u>Material and Use</u>
Warren Bryant, Jr.	Radiation Protection and Radiological Physics
Barry L. Davis	Radiation Protection and Radiological Physics

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 7 PAGES
Amendment No. 45**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 letter dated July 5, 2005,	
1. St. Mary's Medical Center		3. License number 47-09576-01 is amended in its entirety to read as follows:	
2. 2900 First Avenue Huntington, West Virginia 25702-1241		4. Expiration date February 28, 2013	
		5. Docket No. 030-03388 Reference No.	
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. 1.5 curies	
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed Sources (Best Medical Model 81-01)	D. 800 millicuries	
E. Strontium-90 permitted by 10 CFR 35.400	E. Sealed Sources (Tracerlab RA-1)	E. 100 millicuries	
F. Nickel 63	F. Plated Foils (Perkin-Elmer 330-0119)	F. 5 sources, not to exceed 15 millicuries each and 75 millicuries total	
G. Strontium-90	G. Sealed Sources (Bebig Model SrO.SO ₃ ; AEA Technology Model SICW series [SICW.1 and SICW.2])	G. 5 millicuries per source and 800 millicuries total	
H. Iridium-192 permitted by 10 CFR 35.600	H. Sealed source (Nucletron Model 105.002 [manufactured by Mallinckrodt Medical BV or AEA Technology, Inc.]	H. 2 sources, 1 source not to exceed 12 curies and 1 source not to exceed 10 curies	

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-09576-01

Docket or Reference Number
030-03388

Amendment No. 45

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Strontium-90 for ophthalmic radiotherapy permitted by 10 CFR 35.400.
- E. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- F. To be used for sample analysis in compatible gas chromatography devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State
- G. For use in Novoste A1000 series models for intravascular brachytherapy.
- H. One source for medical use permitted by 10 CFR 35.600, in a Nucletron Model 105.999 remote afterloader unit. The source activity may not exceed 10 curies at the time of use. One source in its shipping container as necessary for replacement of the source in the remote afterloader unit.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 2900 First Avenue, Huntington, West Virginia.
- 11. The Radiation Safety Officer for this license is M. Douglass Allan, M.S.
- 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 medical use as indicated:

Authorized Medical Users

Material and Use

Marsha S. Anderson, M.D.

35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies

Richard A. Ansorielli, M.D.

35.100; 35.200

Paul D. Akers, M.D.

35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies

Paul V. Akers, M.D.

35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
47-09576-01Docket or Reference Number
030-03388

Amendment No. 45

<u>Authorized Medical Users</u>	<u>Material and Use</u>
Rodger A. Blake, M.D.	35.100; 35.200; 35.300
Silvestre P. Cansino, M.D.	35.100; 35.200
Linda Gail Carr, M.D.	35.200; 35.300; 35.400
Bruce S. Chertow, M.D.	35.100; 35.200; 35.300
Peter A. Chirico, M.D.	35.100; 35.200; 35.300
James Allen Cochrane, M.D.	35.100; 35.200
Ricky Jack Compton, M.D.	35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies
Hans G. Dransfeld M.D.	35.100; 35.200; 35.300
Joseph Dransfeld, M.D.	35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies
Lee Corey Haikal, M.D.	3.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies
Raed A. Jitan, M.D.	35.100; 35.200
Michael V. Korona, Jr., M.D.	35.100; 35.200
Eric Lawrence Leonard, M.D.	35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies
Phillip P. Lepanto, MD.	35.300; 35.400; Iridium-192 for uses in a High-Dose Rate Remote Afterloader Unit; Strontium-90 for intravascular brachytherapy procedures
Donald Lewis, M.D.	35.200; 35.200; 35.300
George J. Linsenmayer, III, M.D.	35.100; 35.200
Charles A. McKowr, M.D.	35.100; 35.200; 35.300 (except iodine 131 for treatment of carcinoma)
Richard E. McWhorter, M.D.	35.100; 35.200; 35.300

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U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
47-09576-01Docket or Reference Number
030-03388

Amendment No. 45

Authorized Medical Users

Sanjeev Sharma, M.D.

William S. Shells, M.D.

Charles Seigler, M.D.

Tina M. Sias, M.D.

Ralph A. Stevens M.D.

George J. Vettiankal, M.D.

Torin P. Walters, M.D.

Material and Use

35.300; 35.400; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit; Strontium-90 for intravascular brachytherapy procedures

35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies

35.100; 35.200

35.100; 35.200

35.100; 35.200

35.100; 35.200

35.100; 35.200; oral administration of sodium iodide iodine-131 for imaging and localization studies

C. The following individuals are authorized medical physicists as indicated:

Medical Physicist

M. Douglass Allar, M.S., DABR

C. Thomas Brannan, M.S., DABR

Marylene Brodeur, M.S.

Material and Use

Strontium-90 ophthalmic sources for physical decay corrections and calibrations; Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training; Strontium-90 in an Intravascular Brachytherapy Device for calibrations, spot-checks, and training

Strontium-90 ophthalmic sources for physical decay corrections and calibrations; Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training; Strontium-90 in an Intravascular Brachytherapy Device for calibrations, spot-checks, and training

Strontium-90 ophthalmic sources for physical decay corrections and calibrations; Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training; Strontium-90 in an Intravascular Brachytherapy Device for calibrations, spot-checks, and training

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 3 PAGES
Amendment No. 17

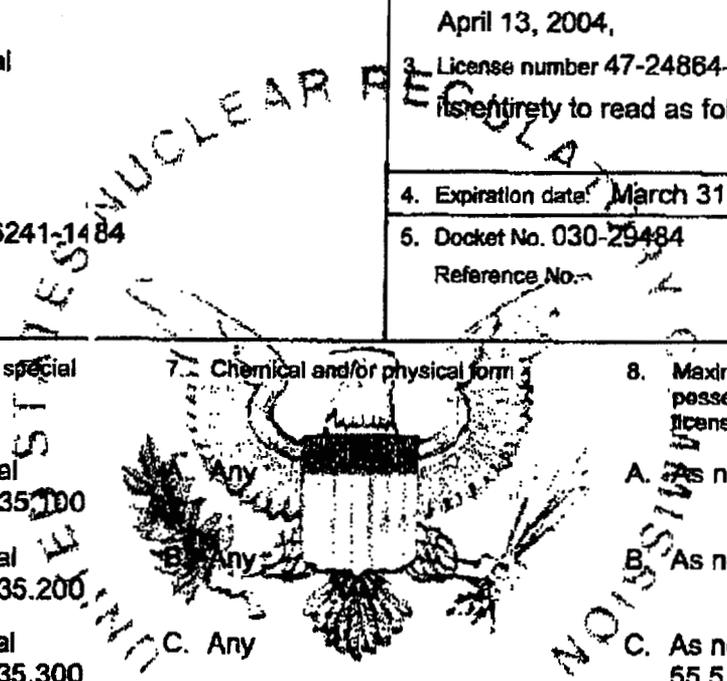
MATERIALS LICENSE

CORRECTED COPY No. 2

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.

<p>Licensee</p> <p>1. Davis Memorial Hospital</p> <p>2. P. O. Box 1484 Elkins, West Virginia 26241-1484</p>	<p>In accordance with the letter dated April 13, 2004,</p> <p>3. License number 47-24864-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date: March 31, 2012</p> <p>5. Docket No. 030-29484 Reference No.:</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed sources (Amersham OncoSeed 6711, EchoSeed 6733; Best Industries 2301; Draximage LS-1; Ibt Intersource 1251L; Implant Science Corp 3500; Mills Biopharmaceuticals Prostaseed SL-125, SH-125; North American Scientific Prospera MED 3631-AM, IsoAid IAI-125A; Nucletron SelectSeed 130.002; SourceTech Medical STM1251 Theragenics IsoSeed BEBIG GmbH)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. As needed, not to exceed 55.5 gigabecquerels (GBq) (1.5 curies (Ci)) of I-131</p> <p>D. I-125 not to exceed 37 GBq (1 Ci)</p>
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M 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 3 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-24864-01

Docket or Reference Number
030-29484

Amendment No. 17

CORRECTED COPY No. 2

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10-CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at Reed Street and Gorman Avenue, Elkins, West Virginia.
- 11. The Radiation Safety Officer for this license is Steven Barnett, M.D.
- 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 medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Steven Barnett, M.D.	35.100; 35.200
Charles D. Burtner, M.D.	35.100; 35.200; 35.300
Frederick J. Gabriel, M.D.	35.100; 35.200; 35.300
Timothy B. Hetzer, M.D.	35.100; 35.200
Jon LaPlante, M.D.	35.100; 35.200; 35.300
John Leon, M.D.	35.100; 35.200; 35.300
Walter Parke Thrush, M.D.	35.100; 35.200; 35.300
Scott V. Watkins, M.D.	35.400

- 13. 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 in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

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U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES
Amendment No. 41

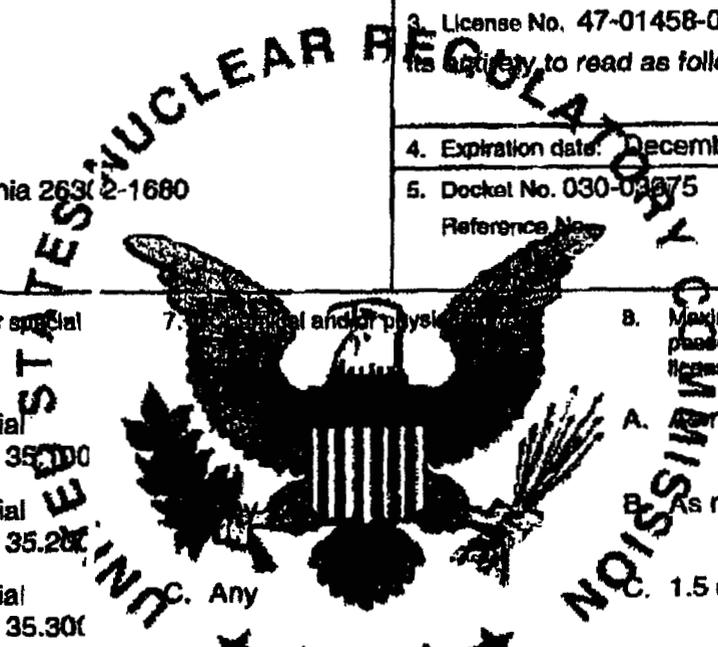
Duplicate

MATERIAL LICENSE

Duplicate

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, 38, 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.

<p>Licensee</p> <p>1. United Hospital Center</p> <p>2. P.O. Box 1680 Clarksburg, West Virginia 26302-1680</p>	<p>In accordance with the letter dated January 24, 2005,</p> <p>3. License No. 47-01458-01 is renewed in its entirety to read as follows:</p> <p>4. Expiration date: December 31, 2014</p> <p>5. Docket No. 030-03875 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Iridium-192 permitted by 10 CFR 35.600</p>	<p>7. Special and/or physical form</p> <p>A. Any</p> <p>D. Sealed sources (IG-137- 3M Model 8500 series/ I-125-North American Scientific Model MED3631)</p> <p>E. Sealed Sources (Nucletron Model 105.002 [manufactured by Mallinckrodt Medical BV or AEA Technology, Inc.])</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 1.5 curies</p> <p>D. 440 millicuries</p> <p>E. 12 curies per source and 22 curies total</p>
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9. Authorized use:

<p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.</p> <p>D. Any manual or automatic procedure permitted by 10 CFR 35.400; Caesium 137 check sources in 10 CFR 35.400 for calibration of licensee's instruments.</p>

Duplicate

Duplicate

Duplicate

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 4 PAGES

Duplicate MATERIALS LICENSE SUPPLEMENTARY SHEET

Duplicate

License Number 17-01458-01
Docket or Reference Number 030-03375

Amendment No. 41

E. One source for medical use permitted by 10 CFR 35.600, in a Nucletron MicroSelectron-HDR Model 105.999 remote afterloader unit. The source may not exceed 10 curies at the time of medical use. One source in its shipping container as necessary for replacement of the source in the remote afterloader unit.

CONDITIONS

- 10. Licensed materials may be used or stored only at the United Hospital Center, #3 Hospital Plaza, U.S. Route 19 South, Clarksburg, West Virginia.
- 11. The Radiation Safety Officer for this license is James W. Israel.
- 12. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user and an authorized medical physicist in accordance with 10 CFR 35.135 and 35.145.
 - B. The following individuals are authorized users of the material as indicated:

Authorized Users

Charles David Winner	35.100; 35.200; 35.300
Frederick J. Gorecki, M.D.	35.100; 35.200; 35.300
William L. Hirsch Jr., M.D.	35.100; 35.200; 35.300
Jon S. LaPlante, M.D.	35.100; 35.200; 35.300
John Anthony Leon, M.D.	35.100; 35.200; 35.300
Gerardo M. Lopez, M.D.	35.100; 35.200
Michael A. Stewart, M.D.	35.300; 35.400; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit
Walter Parke Thrush, M.D.	35.100; 35.200; 35.300

Duplicate Duplicate Duplicate

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.

<p style="text-align: center;">Licensee</p> <p>1. Bluefield Regional Medical Center</p> <p>2. 500 Cherry Street Bluefield, West Virginia 24701</p>	<p>In accordance with the letters dated March 6, April 10 and May 25, 2006,</p> <p>3. License number 47-19142-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date April 30, 2016</p> <hr/> <p>5. Docket No. 03017038 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Strontium 90</p> <p>F. Iridium 192 permitted by 10 CFR 35.600</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed sources (3 M Model 6D6C-CA; Tracerlab Model RA-1)</p> <p>E. Sealed Source (Nuclear Enterprises Model 2503-3)</p> <p>F. Sealed Source [Nucletron Corporation Model 096.001 (manufactured by Mallinckrodt Medical or AEA Technology); Alpha-Omega Services Model CSN0010-192]</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 1.5 curies</p> <p>D. 1 curie</p> <p>E. 12 millicuries</p> <p>F. 10 curies</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

47-19142-01

Docket or Reference Number

03017038

Amendment No. 33

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. Calibration of the licensee's instruments.
- F. For storage only in a Nucletron Corporation MicroSelectron HDR Classic incident to disposal.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 500 Cherry Street, Bluefield, West Virginia.
- 11. The Radiation Safety Officer for this license is Charles M. Olmstead, M.D.
- 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 medical use as indicated:

Authorized UsersMaterial and Use

Afzel Ahmed, M.D.	35.100; 35.200
Edward D. Aycoth, M.D.	35.100; 35.200
Enrico Cappiello, M.D.	35.100; 35.200
Daniel T. Fowler, M.D.	35.100; 35.200; 35.300
David L. Groten, M.D.	35.100; 35.200
Pushpa R. Jain, M.D.	35.300; 35.400; Ir-192 for storage only in a high dose rate remote afterloading brachytherapy unit
Thomas E. Miller, M.D.	35.100; 35.200; Oral administration of sodium iodide Iodine-131 for imaging and localization studies and treatment of hyperthyroidism
Lee B. Milner, M.D.	35.100; 35.200

MATERIALS LICENSE

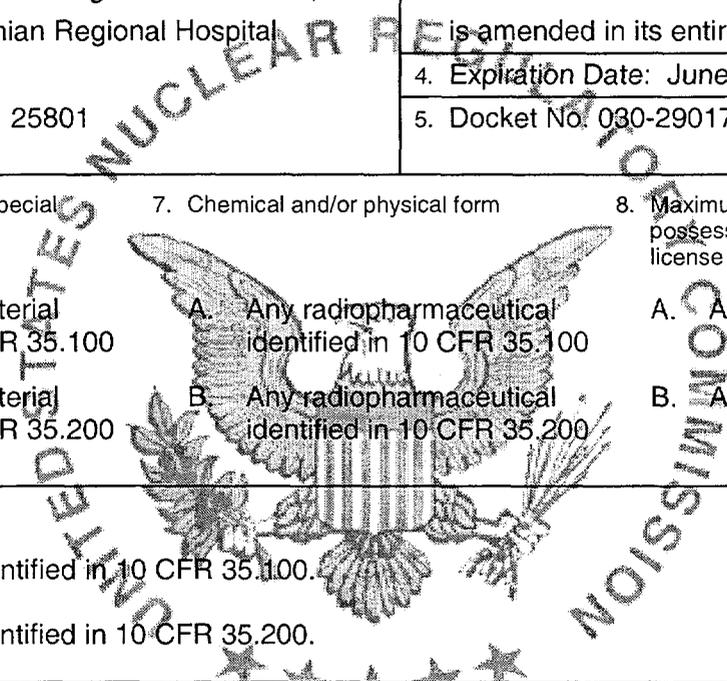
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, 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.

<p style="text-align: center;">Licensee</p> <p>1. West Virginia Appalachian Regional Healthcare, Inc. d/b/a Beckley Appalachian Regional Hospital</p> <p>2. 306 Stanaford Road Beckley, West Virginia 25801</p>	<p>In accordance with the letter dated October 26, 2001</p> <p>3. License No. 47-17725-02</p> <p>is amended in its entirety to read as follows:</p> <p>4. Expiration Date: June 30, 2011</p> <p>5. Docket No: 030-29017</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material identified in 10 CFR 35.100</p> <p>B. Any byproduct material identified in 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. Any radiopharmaceutical identified in 10 CFR 35.100</p> <p>B. Any radiopharmaceutical identified in 10 CFR 35.200</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p>
<p>9. Authorized Use:</p> <p>A. Medical use identified in 10 CFR 35.100.</p> <p>B. Medical use identified in 10 CFR 35.200.</p>		

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 306 Stanaford Road, Beckley, West Virginia.
- 11. The Radiation Safety Officer for this license is Bharat G. Patel, M.D.



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.
47-17725-02

Docket No.
030-29017

Amendment No.
15

12. Licensed material listed in Item 6 above shall be used by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Users

Material and Use

- | | |
|------------------------------------|--|
| A. Mohammad Ebrahim Dehgen, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| B. Alex A. Favelukes, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| C. Jebran G. Karam, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| D. Bharat G. Patel, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| E. Manu N. Patel, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| F. Lingadahalli H. Subbaraya, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| G. Thair A. Bargouthi, M.D. | Uses in 10 CFR 35.200 |
| H. Halberto G. Cruz, M.D. | Uses in 10 CFR 35.100 and §35.200 |
| I. Wilson Wong, M.D. | Uses in 10 CFR 35.100 and 35.200, except generators |

13. Sealed sources containing licensed material shall not be opened by the licensee.

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 in 10 CFR 30.35 for establishing decommissioning financial assurance.

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.

<p style="text-align: center;">Licensee</p> <p>1. Princeton Community Hospital</p> <p>2. P.O. Box 1369 Princeton, West Virginia 24740</p>	<p>In accordance with the letter dated December 15, 2005,</p> <p>3. License number 47-16307-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date September 30, 2011</p> <hr/> <p>5. Docket No. 03010772 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed Sources (Medi-Physics Model CDC T1, Imagyn Model IS-12501, NAS MED3631-A/M and MED3633)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 1.5 curies</p> <p>D. 300 millicuries</p>
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9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - B. Any imaging and localization study permitted by 10 CFR 35.200.
 - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
 - D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-16307-01

Docket or Reference Number
03010772

Amendment No. 22

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 12th Street Extended, Princeton, West Virginia.
11. The Radiation Safety Officer for this license is Dana Olson, M.D.
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 medical use as indicated:

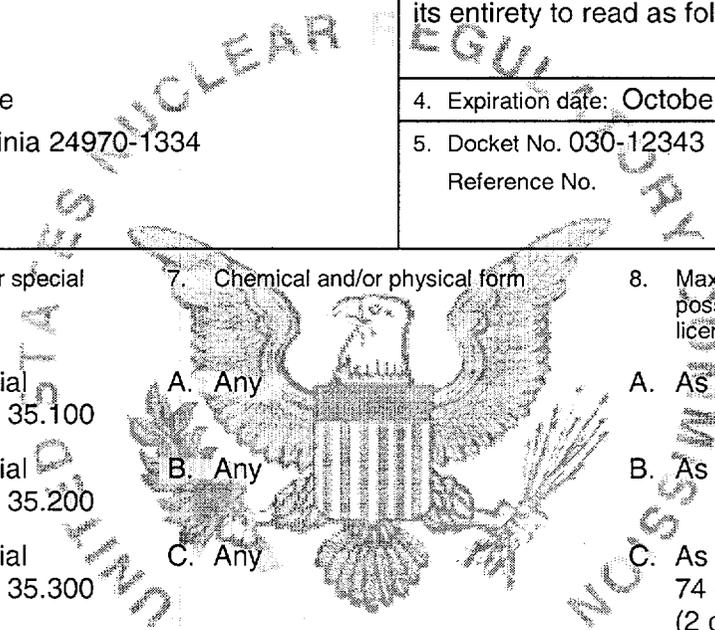
<u>Authorized Users</u>	<u>Material and Use</u>
Gordon Freeman Prescott, M.D.	35.100; 35.200; 35.300
Edward D. Aycott, M.D.	35.100; 35.200
Afzal Ahmed, M.D.	35.100; 35.200
Enrico Cappiello, M.D.	35.100; 35.200
Dana Otmar Olson, M.D.	35.100; 35.200; 35.300
Charles E. Gabe, M.D.	35.300; 35.400
M. Mohsin Rahman, M.D.	35.100; 35.200; 35.300
Daniel T. Fowler, M.D.	35.100; 35.200; 35.300
Lee B. Milner, M.D.	35.100; 35.200
Michael E. Shahan, M.D.	35.100; 35.200; 35.300
Kishor S. Pathak, M.D.	35.100; 35.200
Charles H. Shelton, M.D.	35.400
David L. Groten, M.D.	35.100; 35.200
Thomas E. Miller, M.D.	35.100; 35.200
Matthew J. Ward, M.D.	35.100; 35.200
Richard Ted Mull, M.D.	35.100; 35.200; oral administration of sodium iodide I-131 for treatment of hyperthyroidism

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.

<p style="text-align: center;">Licensee</p> <p>1. Greenbrier Valley Medical Center</p> <p>2. 202 Maplewood Avenue Ronceverte, West Virginia 24970-1334</p>	<p>In accordance with the letter received May 24, 2004,</p> <p>3. License number 47-17199-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date: October 31, 2012</p> <hr/> <p>5. Docket No. 030-12343 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Any byproduct material permitted by 10 CFR 31.11</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed source (NIST Imagyn Model Isostat IS-12501; HDI Mentor Model 125-SL; MED3631-A/M; 3M Model OncoSeed 6733; Theragenics 125.So6; DRAXIMAGE LLC LS-1; Implant Science 3500; IsoAid Advantage IAI-125A; Mills Biopharmaceuticals Prosaseed SL-125 and SH-125; Source Tech Medical STM1251)</p> <p>E. Prepackaged Kits</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. As needed, not to exceed 74 gigabecquerels (GBq) (2 curies (Ci)) of I-131</p> <p>D. 18.5 GBq (500 millicurie (mCi))</p> <p>E. As needed</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

47-17199-01

Docket or Reference Number

030-12343

Amendment No. 42

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. In vitro studies.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 202 Maplewood Avenue, Ronceverte, West Virginia.
- 11. The Radiation Safety Officer for this license is Heather Rose, M.D.
- 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 medical use as indicated:

Authorized Users

Material and Use

David C. Maki, M.D.	35.100; 35.200; 31.11; 35.300 for the treatment of hyperthyroidism
Colin A. Rose, M.D.	35.100; 35.200; 31.11; 35.300 for treatment of hyperthyroidism
Heather Rose, M.D.	35.100; 35.200; 35.300; 31.11
Charles E. Gabe, M.D.	35.400
Haven N. Wall, M.D.	35.200
Charles Hendrix Shelton, M.D.	35.300; 35.400

- 13. 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 in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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.

<p style="text-align: center;">Licensee</p> <p>1. Raleigh General Hospital</p> <p>2. 1710 Harper Road Beckley, West Virginia 25801-3397</p>	<p>In accordance with the letter dated January 2, 2007,</p> <p>3. License number 47-18046-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date November 30, 2013</p> <hr/> <p>5. Docket No. 030-14390 Reference No. 47-25188-01</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 1500 millicuries</p>
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9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - B. Any imaging and localization study permitted by 10 CFR 35.200.
 - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 1710 Harper Road, Beckley, West Virginia.
- 11. The Radiation Safety Officer for this license is Henry Lee Setliff, M.D.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-18046-01

Docket or Reference Number
030-14390
47-25188-01

Amendment No. 21

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 medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Thair Barghouthi, M.D.	35.200
C. Richard Daniel, Jr., M.D.	35.100; 35.200, Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction
Jebran G. Karam, M.D.	35.100; 35.200
Alan M. Lintala, M.D.	35.100; 35.200; 35.300
Anthony McFarlane, M.D.	35.200
Shawn D. Reesman, M.D.	35.100; 35.200; 35.300
Henry Lee Setliff, M.D.	35.100; 35.200; 35.300
Lingadahalli H. Subbaraya, M.D.	35.100; 35.200
Mercedes Ramas, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131 in quantities less than or equal to 33 millicuries

13. 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 in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

This is to acknowledge the receipt of your letter/application ~~dated~~ undated
RECEIVED 3/12/2007 and to inform you that the initial processing which
includes an administrative review has been performed.

- AMEND. 47-25570-01
There were no administrative omissions. Your application was assigned to a
technical reviewer. Please note that the technical review may identify additional
omissions or require additional information.
- Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable
Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 140207.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.