



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

October 23, 2006

Docket No. 03036964  
Control No. 139571

License No. 52-31059-01

Gamalier Bermudez Ruiz, M.D.  
President/CEO  
Dr. Gamalier Bermudez  
Modern Radiology PSC  
P.O. Box 7346  
Ponce, PR 00732

SUBJECT: DR. GAMALIER BERMUDEZ, LICENSE AMENDMENT, CONTROL NO. 139571

Dear Dr. Bermudez Ruiz:

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.

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 **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Thomas K. Thompson***

Thomas K. Thompson  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 1

cc:

G. Bermudez Ruiz  
Dr. Gamalier Bermudez

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Miguel A. Serpa Perez, M.D., Radiation Safety Officer

G. Bermudez Ruiz  
Dr. Gamalier Bermudez

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**SUNSI Review Complete: TThompson**

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NAME	TThompson/TKT							
DATE	10/23/2006							

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**MATERIALS LICENSE**

Amendment No. 01

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. Dr. Gamalier Bermúdez</p> <p style="padding-left: 20px;">Modern Radiology PSC</p> <p>2. P.O. Box 7346</p> <p style="padding-left: 20px;">Ponce, Puerto Rico 00732</p>	<p>In accordance with the letter dated October 9, 2006</p> <p>3. License No. 52-31059-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date: August 31, 2015</p> <hr/> <p>5. Docket No. 030-36964</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Technetium 99m</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed source (Isotope Products Labs Model HEG-137)</p> <p>B. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 20 millicuries per source or 40 millicuries total</p> <p>B. 200 millicuries</p>
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9. Authorized use:

A. For medical use, as defined in 10 CFR Part 35, in the licensee's Positron Emission Tomography (PET) camera as a quality control/transmission source.

B. For calibration of a dose calibrator.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at Torre San Cristóbal, Quinta Avenue, Oficina 109, Cotto Laurel, Ponce, Puerto Rico.
- 11. The Radiation Safety Officer (RSO) for this license is Miguel A. Serpa Perez, M.D.
- 12. Licensed material shall be used by, or under the supervision of, Miguel A. Serpa Perez, M.D.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License No.  
52-31059-01Docket No.  
030-36964

Amendment No. 01

13. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. 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 June 9, 2005 [ML051670048]



For the U.S. Nuclear Regulatory Commission

Date October 23, 2006

By *Original signed by Thomas K. Thompson*  
Thomas K. Thompson  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406