



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

July 5, 2007

Docket No. 03030140  
Control No. 140645

License No. 52-24937-01

Angel Torres-Noya  
Medical Director  
Río Piedras Sono-Nuclear Center  
24 Acerola Street, Milaville  
Río Piedras, PR 00926

SUBJECT: RÍO PIEDRAS SONO-NUCLEAR CENTER, LICENSE AMENDMENT,  
CONTROL NO. 140645

Dear Dr. Torres-Noya:

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, Industrial, and Academic 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 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Héctor Bermúdez***  
Héctor Bermúdez  
Senior Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 10

cc:  
María M. Palacios, Radiation Safety Officer

DOCUMENT NAME: C:\FileNet\ML071900071.wpd

**SUNSI Review Complete: HBermúdez**

After declaring this document "An Official Agency Record" it will be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	<input checked="" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	DNMS/RI	<input type="checkbox"/>	<input type="checkbox"/>
NAME	HBermúdez / <i>HXB1</i> /						
DATE	7/5/07						

OFFICIAL RECORD COPY

**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. Río Piedras Sono-Nuclear Center</p> <p>2. 24 Acerola Street, Milaville Río Piedras, Puerto Rico 00926</p>	<p>In accordance with the letter dated June 1, 2007,</p> <p>3. License number 52-24937-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2013</p> <hr/> <p>5. Docket No. 03030140 Reference No.</p>
---	---

<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 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. 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. 1.5 curies</p> <p>D. 2 millicuries</p>
---	--	--

<p>9. Authorized use:</p> <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, for which the patient can be released under the provisions of 10 CFR 35.75.</p> <p>D. <u>In vitro</u> studies.</p>
--

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
52-24937-01

Docket or Reference Number  
03030140

Amendment No. 10

CONDITIONS

10. A. Licensed material may be used or stored at the licensee's facilities located at Río Piedras Sono-Nuclear Center, 1028 Los Angeles Street, Urbanización del Carmen, Río Piedras, Puerto Rico.
- B. In accordance with procedures contained in letters dated November 30, 1992, June 20, 1994, and September 16, 1999, individual patient doses may be transported to and administered at:
1. San Francisco Hospital, Avenida De Diego 371, Río Piedras, Puerto Rico;
  2. Centro Cardiovascular Institute of Río Piedras, Avenida De Diego 405, Río Piedras, Puerto Rico; and
  3. San Francisco Cardiovascular Institute, Torre San Francisco, Suite 307, Avenida De Diego 369, Río Piedras, Puerto Rico.
11. 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>  |
|----------------------------|--|
| Angel J. Torres-Noya, M.D. | 35.100; 35.200; 35.300 except thyroid carcinoma; <u>in vitro</u> studies |
| Maria E. Acevedo, M.D.     | 35.100; 35.200; 35.300; <u>in vitro</u> studies                          |
| José Mario Diaz, M.D.      | 35.100; 35.200; 35.300; <u>in vitro</u> studies                          |
| Jorge Toro, M.D.           | 35.100; 35.200; <u>in vitro</u> studies                                  |
| José O. Morales, M.D.      | 35.100; 35.200; 35.300; <u>in vitro</u> studies                          |
12. The Radiation Safety Officer for this license is María M. Palacios, M.S.
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  
SUPPLEMENTARY SHEET**

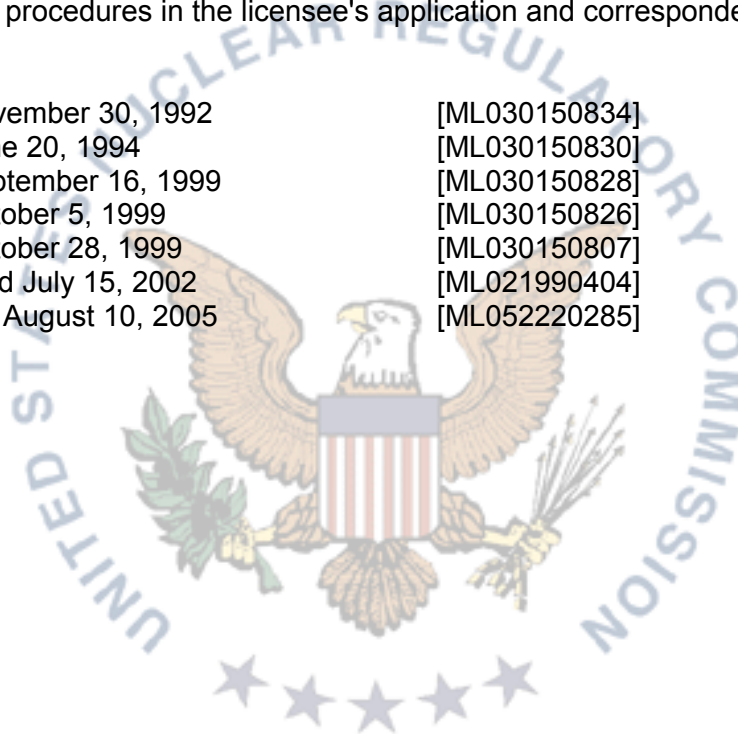
License Number  
52-24937-01

Docket or Reference Number  
03030140

Amendment No. 10

15. 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 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. Letter dated November 30, 1992  | [ML030150834] |
| B. Letter dated June 20, 1994      | [ML030150830] |
| C. Letter dated September 16, 1999 | [ML030150828] |
| D. Letter dated October 5, 1999    | [ML030150826] |
| E. Letter dated October 28, 1999   | [ML030150807] |
| F. Application dated July 15, 2002 | [ML021990404] |
| G. Facsimile dated August 10, 2005 | [ML052220285] |



For the U.S. Nuclear Regulatory Commission

Date July 5, 2007

By ***Original signed by Héctor Bermúdez***

Héctor Bermúdez  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406