



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

March 11, 2005

Docket No. 03033417
Control No. 136466

License No. 37-28453-02

Wendy Rowan
Vice President of Operations
Integral Nuclear Associates, L.L.C.
Paoli Executive Green II
Suite 200
43 Leopard Road
Paoli, PA 19301

SUBJECT: INTEGRAL NUCLEAR ASSOCIATES, L.L.C., ISSUANCE OF LICENSE
AMENDMENT, CONTROL NO. 136466

Dear Ms. Rowan:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that your license was written in a format compatible with the revised 10 CFR Part 35, effective October 24, 2002. The facility at Freehold Cardiac Imaging, 222 Schanck Road, Suite 204, Freehold, New Jersey may be released for the use of Monmouth Cardiology Associates, L.L.C. concurrent with the issuance of Amendment No. 36 to NRC License No. 29-27910-01.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. Please note the last condition on your license indicates that, "This license condition applies only to those procedures that are required to be submitted in accordance with the regulations." Therefore, any procedures submitted that were not required by regulation to be submitted, e.g., calibration of dose calibrators, will not be considered a part of your license and were not reviewed during the licensing process. These procedures will be reviewed during inspections, as necessary. 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 available at the NRC Web sites listed below or 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).

W. Rowan
Integral Nuclear Associates, L.L.C.

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Thank you for your cooperation.

Sincerely,

Original signed by Steven Courtemanche

Steven Courtemanche
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 31

NRC Web site addresses
NRC regulations

<http://www.nrc.gov/reading-rm/doc-collections/cfr/>

Licensing guidance

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>

General Policy and Procedure for NRC Enforcement Actions

<Http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>

206 of the Energy Reorganization Act of 1974

<http://www.nrc.gov/who-we-are/governing-laws.html>

cc:
Janice Nguyen, Radiation Safety Officer

W. Rowan
Integral Nuclear Associates, L.L.C.

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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.

<p style="text-align: center;">Licensee</p> <p>1. Integral Nuclear Associates, LLC</p> <p>2. Paoli Executive Green II 43 Leopard Road, Suite 200 Paoli, Pennsylvania 19301</p>	<p>In accordance with the letter dated February 10, 2005,</p> <p>3. License number 37-28453-02 is amended in its entirety to read as follows:</p> <p>4. Expiration date March 31, 2014</p> <p>5. Docket No. 03033417 Reference No. 29-30001-01</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 35.500</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed Sources (Isotope Products Laboratories Models A3410 and 3409 [HEGL-0022], North American Scientific, Inc. Model MED 3601, DuPont Merck Radio-pharmaceutical Company Model NES-8412)</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. 1400 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. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).</p>		

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
37-28453-02Docket or Reference Number
03033417
29-30001-01

Amendment No. 31

CONDITIONS

10. A. Licensed material may be used or stored at the licensee's facilities located at 230 Neptune Boulevard, Suite 2, Neptune, New Jersey; 193 N. Harrison Street, Princeton, New Jersey; 406 Delaware Avenue, Bethlehem, Pennsylvania; 580 Middletown Boulevard, Suite 275, Langhorne, Pennsylvania; 1262 Wood Lane Road, Suite 202, Langhorne, Pennsylvania; and 965 Street Road, First Floor, Southampton, Pennsylvania.
- B. Licensed material permitted by 10 CFR 35.65 may be used or stored at Meadowbrook PET Associates, 1648 Huntington Pike, Meadowbrook, Pennsylvania and Limerick PET Associates, 420 W. Linfield-Trappe Road, Suite 3400, Limerick, Pennsylvania.
- C. Licensed material permitted by 10 CFR 35.65 may be used or stored at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

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:

Authorized UsersMaterial and Use

Bindukumarc Kansupada, M.D.	35.100; 35.200; 35.500
David M. Milstein, M.D.	35.100; 35.200; 35.500
Ana Y. Valdivia, M.D.	35.100; 35.200; 35.500
Morton Donald Blaufox, M.D.	35.100; 35.200; 35.500
Abass Alavi, M.D.	35.500
Annette Yacovone Griffith, M.D.	35.100; 35.200; 35.500
Frank Robert Domeraki, M.D.	35.100; 35.200; 35.500

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Authorized Users

Richard D. Wiess, M.D.

Linda Griska, M.D.

Material and Use

35.100; 35.200; 35.500

35.100; 35.200; 35.500

12. The Radiation Safety Officer for this license is Janice Nguyen.
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."
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. Application dated December 11, 2003 (ML040070037)
B. Letter dated February 10, 2005

For the U.S. Nuclear Regulatory Commission

Date March 11, 2005

By

Original signed by Steven CourtemancheSteven Courtemanche
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406