



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

August 2, 2006

Docket No. 03033417
Control No. 138823

License No. 37-28453-02

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

SUBJECT: INTEGRAL NUCLEAR ASSOCIATES, LLC, LICENSE AMENDMENT,
CONTROL NO. 138823

Dear Ms. Rowan:

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; 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 Tara L. Weidner

Tara L. Weidner
Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 35

W. Rowan
Integral Nuclear Associates, LLC

2

cc:
Janice Nguyen, Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML062140711.wpd

SUNSI Review Complete: TWeidner

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| OFFICE | DNMS/RI | <input checked="" type="checkbox"/> N | DNMS/RI | <input type="checkbox"/> | DNMS/RI | <input type="checkbox"/> | | |
| NAME | TWeidner/TLW | | | | | | | |
| DATE | 8-2-2006 | | | | | | | |

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.

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 May 9, 2006,</p> <p>3. License number 37-28453-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2014</p> <hr/> <p>5. Docket No. 03033417 Reference No. 29-30001-01</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 35.500</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> |
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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. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).

CONDITIONS

- 10. A. Licensed material may be used or stored at the licensee's facilities located at 193 N. Harrison Street, Princeton, New Jersey; 406 Delaware Avenue, Bethlehem, Pennsylvania; 580 Middletown Boulevard, Suite 275, Langhorne, Pennsylvania; and 965 Street Road, First Floor, Southampton, Pennsylvania.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
37-28453-02

Docket or Reference Number
03033417
29-30001-01

Amendment No. 35

- B. Licensed material permitted by 10 CFR 35.65 may be used or stored at Meadowbrook PET Associates, 1648 Huntington Pike, Meadowbrook, Pennsylvania; Limerick PET Associates, 420 West Linfield-Trappe Road, Suite 3400, Limerick, Pennsylvania; Doylestown PET Associates, LLC, 599 West State Street, Pavilion Building, Doylestown, Pennsylvania; and Wyoming Valley PET Associates, LLC, 190 Welles Street, Suite 100, Forty Fort, 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. The Radiation Safety Officer for this license is Janice Nguyen.
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> |
|---------------------------------|-------------------------|
| 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 |
| Richard D. Wiess, M.D. | 35.100; 35.200; 35.500 |
| Linda Griska, M.D. | 35.100; 35.200; 35.500 |
| Norman Schulman, M.D. | 35.500 |

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

Amendment No. 35

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 (ML050730419)
 - C. Letter dated June 16, 2005 (ML051820329)
 - D. Letter dated November 29, 2005 (ML060050419)
 - E. Letter dated May 9, 2006 (ML061320400)
 - F. Letter dated August 2, 2006 (ML062140650)

For the U.S. Nuclear Regulatory Commission

Date August 2, 2006By ***Original signed by Tara L. Weidner***Tara L. Weidner
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406