



NUCLEAR TECHNOLOGIES, INC.

Tara L. Weidner
Health Physicist/Medical Branch
United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Br. 2

2009 JUL 10 AM 11:16

RECEIVED

July 8, 2009

RE: NRC license # 37-30120-01 *03033422*

Dear Ms. Weidner:

Please amend our radioactive materials license to reflect the addition of an additional authorized user for 35.200; In vitro studies, James Zelch, M.D. You will find documentation as to his current licensure for the USNRC Radioactive Material Use permit by referencing his State of Florida Radioactive Materials License number 4022-1 as well as the State of Ohio Radioactive Materials License number 02201180104 (both attached).

Thank you for your prompt attention in this matter.

Sincerely,

Lon P Wilson, BS, ASNE, CNMT
President - Nuclear Operations
Radiation Safety Officer

Corporate Office

6400 Brooktree Court • Suite 320 • Wexford PA 15090

P: (724) 933-5570 • F: (724) 933-5585 • E-mail: keith.loiselle@cdlmedical.net

143878

NISS/RGNI MATERIALS-002

STATE OF FLORIDA
 DEPARTMENT OF HEALTH
 BUREAU OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE
 SUPPLEMENTAL SHEET

OPEN MRI & CT OF SOUTH MIAMI, L.L.C.
 c/o Advantage Diagnostics
 3733 Park East Drive, Suite #100
 Beachwood, OH 44122

With reference to correspondence received October 7, 2008, State of Florida Radioactive Materials License Number 4022-1 is hereby amended

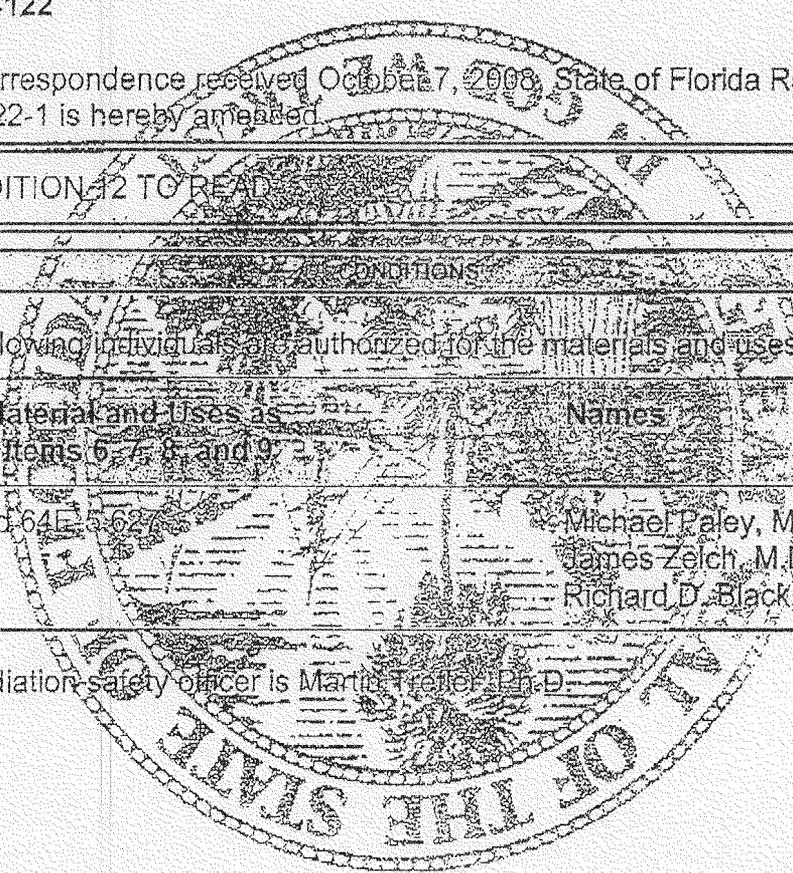
TO CHANGE CONDITION 12 TO READ

CONDITIONS

12. A. The following individuals are authorized for the materials and uses as indicated:

Authorized Material and Uses as Described in Items 6, 7, 8, and 9	Names
64E-5.626 and 64E-5.627	Michael Paley, M.D. James Zeich, M.D. Richard D. Black, D.O.

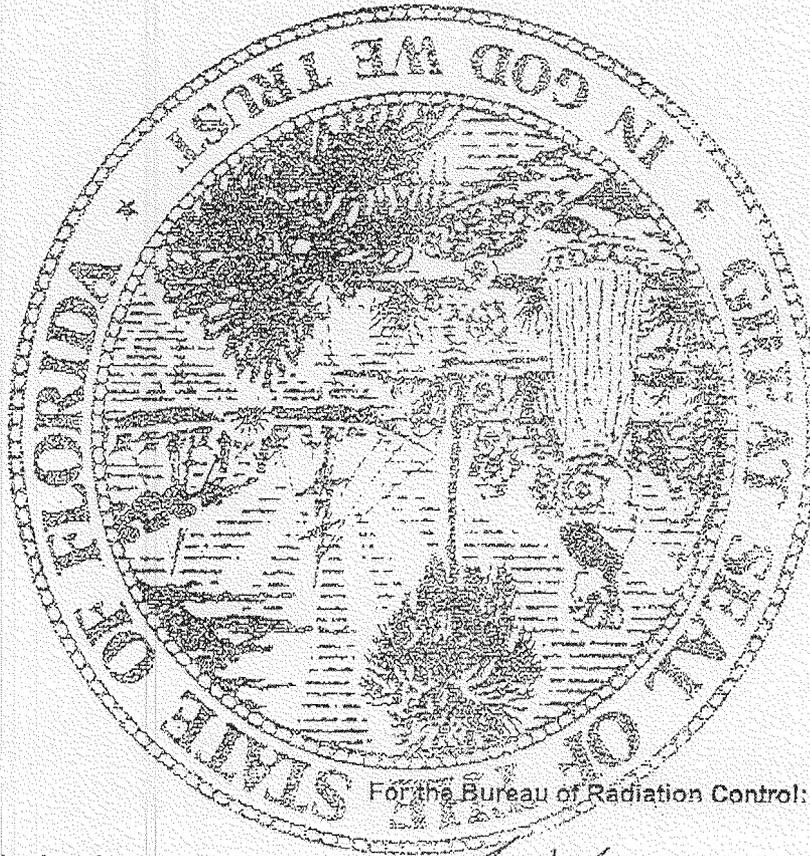
B. The radiation safety officer is Martin Troller, Ph.D.



STATE OF FLORIDA
DEPARTMENT OF HEALTH
BUREAU OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE
SUPPLEMENTAL SHEET

- 12. C. Radiologic technologists who use and administer radioactive materials or perform brachytherapy or teletherapy procedures under the general supervision of an authorized user shall hold a valid certificate as required by Chapter 468, F.S.



For the Bureau of Radiation Control:

OCT 1 6 2008

Issuance Date:

Lee Thomas
 Lee Thomas
 Environmental Specialist II
 4052 Bald Cypress Way - Bin C21
 Tallahassee, FL 32399-1741
 (850) 245-4545

A party whose substantial interest is affected by this order may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Rule 28-106, Florida Administrative Code. A petition for administrative hearing must be in writing and must be received by the Agency Clerk for the Department, within twenty-one (21) days from the receipt of this order. The address of the Agency Clerk is: Agency Clerk, 4052 Bald Cypress Way, BIN # A02, Tallahassee, Florida 32399-1703. The Agency Clerk's facsimile number is 850-410-1448. A copy of the petition should also be sent to: Bureau Chief, Bureau of Radiation Control, 4052 Bald Cypress Way, BIN # C21, Tallahassee, FL 32399-1741. The Bureau Chief's facsimile number is 850-487-0435. Mediation is not available as an alternative remedy. Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a "final order." Should this order become a final order, a party who is adversely affected by it is entitled to judicial review pursuant to Section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Health and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of rendition of the final order.

License Number: 4022-1
 Amendment No.: 1
 Control Number: 20081007-1670

LICENSEE COPY

Category: [5C]

Page 2 of 2 Page(s)

Expiration Date: 3/31/2013

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE 1. Advantage Diagnostics 2. 3733 Park East Drive, Suite 100 Beachwood, Ohio 44122	LICENSE NUMBER 3. 02201180104 EXPIRATION DATE 4. January 01, 2014 FILE/ID NUMBER 5. 5011912467
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6. RADIOACTIVE MATERIAL A. Any radioactive material permitted by rule 3701:1-58-32 of the Ohio Administrative Code B. Any radioactive material permitted by rule 3701:1-58-34 of the Ohio Administrative Code C. Germanium-68 D. Cesium-137 E. Cobalt-57 F. Cesium-137 G. Cesium-137	7. CHEMICAL AND/OR PHYSICAL FORM A. Any radiopharmaceutical form B. Any radiopharmaceutical form C. Sealed sources (CTI Services, Inc., Model CS Uniform Phantoms and Model LS Rod/Line Sources or equivalent) D. Sealed sources (Isotopes Products Laboratories; Model PHL, or equivalent) E. Sealed sources F. Sealed source; NES 356 or equivalent G. Sealed source RadQual or Equivalent	8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE A. As needed B. As needed C. As needed, no single source to exceed 232 MBq (6.25 mCi) D. As needed, no single source to exceed 638 MBq (17.25 mCi) E. As needed, no single source to exceed 925 MBq (25 mCi) F. As needed, no single source to exceed 10.17 MBq (275 µCi) G. As needed, no single source to exceed 8.0 MBq (215 µCi)
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9. Authorized Use

- A. Uptake, dilution and excretion studies permitted by rule 3701:1-58-32 of the Ohio Administrative Code.
- B. Diagnostic imaging and localization studies permitted by rule 3701:1-58-34 of the Ohio Administrative Code.
- C. To be used in PET gamma cameras as transmission and attenuation correction sources for medical radiography in humans. Additional set(s) of sources may be possessed for source replacement, stored in shipping container(s).
- D - G Check, calibration, and reference sources.

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 2 of 3
	License Number 02201180104
	File/ID Number 501191/2467
	Amendment No. 22

CONDITIONS

10. Licensed material may only be used at the licensee's facilities located at:

3733 Park East Drive
 Beachwood, Ohio 44122

11. The Radiation Safety Officer for this license is:

Charles Anthony Giomuso, M.S.

12. Licensed material shall be used by, or under the supervision of, individual(s) designated in writing:

Authorized User(s):

Material and Use

- | | |
|---|---|
| A. Richard R. Black, D.O.

B. James Zelch, M.D.

C. Michael Paley, M.D. | A. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.

B. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code.

C. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code. |
|---|---|

13. All sealed sources that are used or obtained shall have been evaluated and approved under the provisions of rule 3701:1-46-49 of the Ohio Administrative Code, or by equivalent regulations of the U.S. Nuclear Regulatory Commission, or an Agreement State.

14. Sealed Sources:

- A. Sealed sources and detector cells shall be tested for leakage and/or contamination in accordance with rule 3701:1-38-24 of the Ohio Administrative Code or at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in rule 3701:1-46-49 of the Ohio Administrative Code.
- B. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Director, the USNRC or Agreement State to perform such services may perform tests for leakage and/or contamination.

15. All persons performing activities meeting the definition of "Nuclear Medicine Technologist" as specified in R.C. 4773.01 shall be licensed and in good standing with the State of Ohio.

16. In addition to the possession limits in item 8, the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in rule 3701:1-40-17(B) of the Ohio Administrative Code, for establishing decommissioning financial assurance.

17. In addition to the requirements in rule 3701:1-58-30 of the Ohio Administrative Code any patient administered gamma emitting radiopharmaceuticals or permanent brachytherapy sources shall be provided a patient release card to include:

- (1) The patient's name.
- (2) The radionuclide administered and its activity.
- (3) The facility name which administered the radionuclide.
- (4) The date of the administration of the radionuclide.
- (5) The expiration date of the card.

The card is not applicable to those patients who are institutionalized (Hospitals, Nursing Homes, Correctional Institutions, etc.) or whose radiation levels do not exceed 0.1 mR/hr at one meter.

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 3 of 3
	License Number 02201180104
	File/ID Number 5011912467
	Amendment No. 22

18. 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 statutes, rules, and orders of the Ohio Department of Health shall govern unless statements, representations, and procedures in the application and correspondence submitted by the licensee are more restrictive than the regulations.

- A. Renewal application dated October 23, 2008
- B. Amendment # 22 to license 02201180104, renewed in its entirety

For the Ohio Department of Health

DATE: 11/25/08

BY: 
 Robert E. Owen, Chief
 Bureau of Radiation Protection
 on behalf of the Director of Health