

<b>NRC FORM 313</b> (4-2004) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB: NO. 3150-0120</b> Estimated burden per response to comply with this mandatory collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to <a href="mailto:infocollects@nrc.gov">infocollects@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	<b>EXPIRES: 10/31/2005</b>
<b>APPLICATION FOR MATERIAL LICENSE</b>			

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

<b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b>  DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001  <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b>  <b>IF YOU ARE LOCATED IN:</b>  ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:  LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	<b>IF YOU ARE LOCATED IN:</b>  ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:  MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352  ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:  NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 76011-4005
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X

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

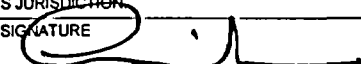
<b>1. THIS IS AN APPLICATION FOR (Check appropriate item)</b> <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>29-30133-01</u>	<b>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</b> Westfield Imaging Center 118-122 Elm Street Westfield, NJ 07090  <b>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</b> Same as in Item 2	<b>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</b> James Korsten, MD  <b>TELEPHONE NUMBER</b> (908) 232-2866
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REGION I  
JAN 13 01:05

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

<b>5. RADIOACTIVE MATERIAL</b> a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.	<b>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</b>
<b>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</b>	<b>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</b>
<b>9. FACILITIES AND EQUIPMENT.</b>	<b>10. RADIATION SAFETY PROGRAM.</b>
<b>11. WASTE MANAGEMENT.</b>	<b>12. LICENSE FEES (See 10 CFR 170 and Section 170.31)</b> FEE CATEGORY <u>7C</u> AMOUNT ENCLOSED <u>\$1900.00</u>

**13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.**  
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.  
WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

<b>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE</b> Amir Solomon, MD, President	<b>SIGNATURE</b> 	<b>DATE</b> 1-2-05
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
<b>APPROVED BY</b>				<b>DATE</b>	
					136277

### Item 5 and 6

<u>Byproduct Material</u>	<u>Total Amount</u>	<u>Purpose</u>
a. Cs-137 Sealed Source	1 milliCurie	6a. Calibration and Reference
b. Specified in 35.100	200 milliCuries	6b. Medical Use
c. Specified in 35.200	500 milliCuries	6c. Medical Use

Please note:

1. No Mo-99/Tc-99m generators will be used.
2. No Tc-99m aerosols will be used for lung ventilation scans.
3. No I-131 therapy or other radiopharmaceutical therapy will be performed so a quality assurance program is not required for therapeutical use of byproduct material.

### Item 7

#### Individuals Responsible for Radiation Safety Programs

<u>Authorized Users</u>	<u>Material</u>
A. Neil Horner, MD	5a, 5b, 5c
B. James Korsten, MD	5a, 5b, 5c

#### Radiation Safety Officer

James Korsten, MD will assume the role of RSO and supervision of the Radiation Safety Program.

### **Item 8**

Training and credentials for those individuals listed in Item 5 was previously submitted with the initial application.

The Radiation Safety Office and Authorized users specified in Item 5 will follow all continuing education requirements as per NRC regulations.

## Item 9

### Facilities and Equipment

A diagram of the department is attached.

#### Radiation safety equipment:

Long Handled Forceps

Absorbent sheets

2" x 4" x 8" Lead Bricks

L Block with 2" lead shielding and 8" x 8" x 4" lead glass

Spill kit

¼ inch Lead Shielded Waste Can

<u>Meters:</u>	<u>Range</u>
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(2) Ludlum Model 14 survey meters w/ model 44-9 pancake probe	0.01 mR/hr – 2 R/hr
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#### Well Counter:

Ludlum 2200 Scaler w/ NaI Well	CPM
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#### Dose Calibrator:

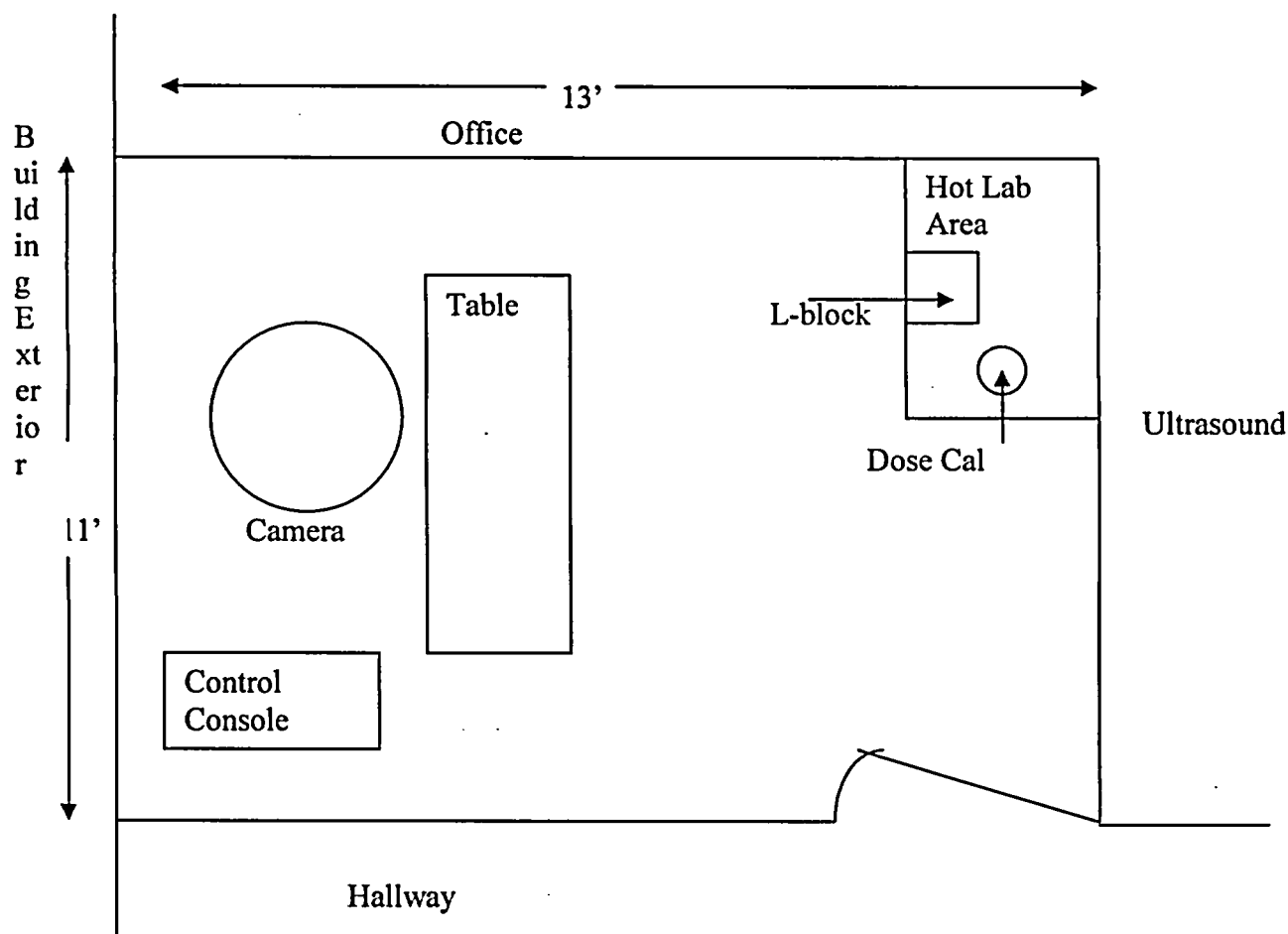
Biodex Atom Lab 100	0.01 µCi - 2 Ci
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Please Note: We have developed and will implement and maintain written survey meter calibration procedures in accordance with the requirements in 10 CFR 20.1501 and that meet the requirements of 10 CFR 35.61. We reserve the right to upgrade our survey instruments as necessary as long as they are adequate to measure the type and level of radiation for which they are used.

# Nuclear Medicine Imaging

Item 9A

1/4" approx. = 1 foot



## **Item 10**

Teaneck Radiology Center will establish and implement a radiation safety program in accordance with the program published in NUREG-1556, Volume 9, "Consolidated Guidance About Materials Licenses: Program Specific Guidance About Medical Use License," dated October 2002.

Please note the following specific items which reference the guide:

### **8.22 Occupational Dose**

We will provide dosimetry that meets the requirements listed under criteria in NUREG-1556, Vol. 9, "Consolidated Guidance About Materials Licenses: Program Specific Guidance About Medical Use License," dated October 2002.

### **8.23 Area Surveys**

We have developed and will implement and maintain written procedures for area surveys in accordance with 10 CFR 20.1101 that meet the requirements of 10 CFR 20.1501 and 10 CFR 35.70

### **8.24 Safe Use of Unsealed License Material**

We have developed and will implement and maintain procedures for safe use of unsealed Byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 20.1301.

### **8.25 Spill Procedures**

We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1101.

All procedures and commitments described in model programs of the license guide pertain to Byproduct material only. Commitments do not apply to radioactive material and radiation exposure from other sources (accelerator produced, naturally occurring radioactive isotopes, machine sources, etc.)

2. We have developed and will implement and maintain written survey meter calibration procedures in accordance with the requirements in 10 CFR 20.1501 and that meet the requirements of 10 CFR 35.61. We reserve the right to upgrade our survey instruments as necessary as long as they are adequate to measure the type and level of radiation for which they are used.

### **Item 11**

We have developed and will implement and maintain written waste disposal procedures for licenses material in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10 CFR Part 20 and 10 CFR 35.92.

This is to acknowledge the receipt of your letter/application dated

11/4/2004, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Renew 29-30133-01  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 136277.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.



**BETWEEN:**

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:   Program Code: 02201
:   Status Code: 2
:   Fee Category: 7C
:   Exp. Date: 20050131
:   Fee Comments: _____
:   Decom Fin Assur Req'd: N
:.....

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### A. REGION

Signed \_\_\_\_\_  
Date \_\_\_\_\_