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|--|---------|--|-----------------|--------------|----------|
| <b>NRC FORM 313</b><br>(4-2004)<br>10 CFR 30, 32, 33,<br>34, 35, 36, 39, and 40  |         | <b>U.S. NUCLEAR REGULATORY COMMISSION</b><br><br><b>APPROVED BY OMB: NO. 3150-0128</b><br>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-6 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, 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>APPLICATION FOR MATERIAL LICENSE</b>  |         |  |                 |              |          |
| <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>  |         |  |                 |              |          |
| <b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b><br><br>DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY<br>OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS<br>U.S. NUCLEAR REGULATORY COMMISSION<br>WASHINGTON, DC 20555-0001  |         | <b>IF YOU ARE LOCATED IN:</b><br><br>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:<br><br>MATERIALS LICENSING BRANCH<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION III<br>2443 WARRENVILLE ROAD, SUITE 210<br>Lisle, IL 60532-4352   |                 |              |          |
| <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b><br><br><b>IF YOU ARE LOCATED IN:</b><br><br>ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, 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:<br><br>LICENSING ASSISTANCE TEAM<br>DIVISION OF NUCLEAR MATERIALS SAFETY<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION I<br>475 ALLENDALE ROAD<br>KING OF PRUSSIA, PA 19406-1415  |         | 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:<br><br>NUCLEAR MATERIALS LICENSING BRANCH<br>U.S. NUCLEAR REGULATORY COMMISSION, REGION IV<br>811 RYAN PLAZA DRIVE, SUITE 400<br>ARLINGTON, TX 76011-4000  |                 |              |          |
| 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.  |         |  |                 |              |          |
| 1. THIS IS AN APPLICATION FOR (Check appropriate item)<br><input type="checkbox"/> A. NEW LICENSE<br><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____<br><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>37-06621-01</u>  |         | 2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)<br>Ohio Valley General Hospital<br>Heckel Road<br>McKees Rocks, PA 15136   |                 |              |          |
| 3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED<br>Mail Control#137035  |         | 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION<br>Keith G. Ostrom, Consultant, Associates in Medical Physics, LLC<br><br>TELEPHONE NUMBER<br>(216) 663-7000  |                 |              |          |
| 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.  |         |  |                 |              |          |
| 5. RADIOACTIVE MATERIAL<br>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.  |         | 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.  |                 |              |          |
| 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.   |         | 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.  |                 |              |          |
| 9. FACILITIES AND EQUIPMENT.   |         | 10. RADIATION SAFETY PROGRAM.  |                 |              |          |
| 11. WASTE MANAGEMENT.  |         | 12. LICENSE FEES (See 10 CFR 170 and Section 170.31)<br>FEE CATEGORY <u>N/A</u> AMOUNT ENCLOSED \$   |                 |              |          |
| 13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.<br><br>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.<br><br>WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1949 (2 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. |         |  |                 |              |          |
| CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE<br><u>David W. Scott, Chief Operating Officer</u>  |         | SIGNATURE <u>[Signature]</u> DATE <u>6/20/05</u>   |                 |              |          |
| <b>FOR NRC USE ONLY</b>  |         |  |                 |              |          |
| TYPE OF FEE  | FEE LOG | FEE CATEGORY   | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|  |         |  | \$              |              |          |
| APPROVED BY  |         |  |                 | DATE         |          |

**ITEMS #5 & 6**

| <u>BYPRODUCT MATERIAL</u>        | <u>AMOUNT</u>                     | <u>CHEMICAL/PHYSICAL FORM</u>   |
|----------------------------------|-----------------------------------|---|
| 5a. Material in 35.100           | As needed                         | 6a. Any   |
| 5b. Material in 35.200           | As needed                         | 6b. Any   |
| 5c. Material in 35.300           | 100mCi                            | 6c. Any   |
| 5d. Material in 35.500( 153 Gd ) | 300 mCi per<br>Source;1.5Ci total | 6d. Sealed Sources(IPL<br>Model NES-8412/North American<br>Scientific Model MED3601/<br>DuPont Merck Model -<br>8412) |

**ITEM #7.1  
AUTHORIZED USERS**

| <u>AUTHORIZED USERS</u>             | <u>MATERIALS AND USES</u>  |
|-------------------------------------|--|
| 1. Everett F. Oesterling, Jr., M.D. | 10 CFR 35.100; 10 CFR 35.200; 10 CFR 35.300 materials; 153 Gd for patient Attenuation correction during SPECT Imaging. |
| 2. Harold Z. Scheinman, M.D.        | 10 CFR 35.100; 10 CFR 35.200; 10 CFR 35.300 materials; 153 Gd for patient Attenuation correction during SPECT Imaging. |

Please refer to NRC license #37-06621-01 (attached) for evidence of the above named physician's training and experience.

Renewal  
5 May 2005  
37-06621-01

**ITEM #7.2****RADIATION SAFETY OFFICER**

Everett F. Oesterling, Jr.' M.D. will be the Radiation Safety Officer for this facility. Please refer to NRC license 37-06621-01 (attached) for evidence of his training and experience.

**ITEM#9.1****FACILITY DIAGRAM**

See attached documentation for Nuclear Medicine Department.

**ITEM #9.2:****SURVEY INSTRUMENT CALIBRATION**

Radiation monitoring instruments will be calibrated by a person qualified to perform survey meter calibrations. Our facility will use Ludlum 14C survey meters or equivalent equipment. We will comply with the requirements of 10 CFR 35.61. Additionally, 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 #9.3:****CALIBRATION OF DOSE CALIBRATOR**

Equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or manufacturer's instructions.

**ITEM #10.1****PERSONNEL EXTERNAL EXPOSURE MONITORING PROGRAM**

Either we will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under "Criteria" in NUREG 1556, Volume 9, "Consolidated Guidance about Materials Licenses: Program -Specific Guidance about Medical Use Licenses," dated October, 2002.

Renewal

**Item #10.2**  
**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.

**Item #10.3**  
**Safe Use of Unsealed Byproduct Material**

We have developed and will implement and maintain written procedures for the safe use of unsealed byproduct material.

**Item # 10.4**  
**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.

**ITEM 11.1:**  
**PROCEDURE FOR WASTE DISPOSAL**

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

Renewal  
5 May 2005  
37-06621-01