

### APPLICATION FOR MATERIAL LICENSE

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.

<p>FEDERAL AGENCIES FILE APPLICATIONS WITH:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION          DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, ROOM          WASHINGTON, DC 20545</p> <p>ALL OTHER FEDERAL AGENCIES FILE APPLICATIONS AS FOLLOWS, IF YOU ARE          LOCATED IN:</p> <p>CONNECTICUT DELAWARE DISTRICT OF COLUMBIA MARYLAND          MASSACHUSETTS NEW HAMPSHIRE NEW JERSEY NEW YORK PENNSYLVANIA          RHODE ISLAND VA WISCONSIN SEND APPLICATIONS TO</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION I          NUCLEAR MATERIAL SECTION 9          931 PARK AVENUE          GIDDY OF PENNSYLVANIA, PA 19008</p> <p>ALABAMA FLORIDA GEORGIA KENTUCKY MISSISSIPPI NORTH CAROLINA          NORTH DAKOTA SOUTH CAROLINA TENNESSEE VIRGINIA VIRGIN ISLANDS OR          WEST VIRGINIA SEND APPLICATIONS TO</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION II          MATERIAL RADIATION PROTECTION SECTION          181 BARIETTA STREET, SUITE 2000          ATLANTA, GA 30333</p>	<p>IF YOU ARE LOCATED IN <b>D30-14566</b></p> <p>ILLINOIS IOWA KANSAS MICHIGAN MINNESOTA MISSOURI OHIO OR          WISCONSIN SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION III          MATERIAL LICENSING SECTION          700 ROCKVELL ROAD          GLEN DILLON, IL 60137</p> <p>ARIZONA CALIFORNIA COLORADO ILLINOIS IOWA KANSAS KENTUCKY LOUISIANA MARYLAND MASSACHUSETTS          NEW HAMPSHIRE NORTH CAROLINA NORTH DAKOTA SOUTH CAROLINA TENNESSEE TEXAS UTAH          OR WISCONSIN SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION IV          MATERIAL RADIATION PROTECTION SECTION          811 RYAN PLAZA DRIVE SUITE 1000          ARLINGTON, TX 76011</p> <p>ALABAMA ARIZONA CALIFORNIA COLORADO IOWA KANSAS KENTUCKY LOUISIANA MASSACHUSETTS          NEW HAMPSHIRE NORTH CAROLINA NORTH DAKOTA SOUTH CAROLINA TENNESSEE TEXAS UTAH          OR WISCONSIN SEND APPLICATIONS TO:</p> <p>U.S. NUCLEAR REGULATORY COMMISSION, REGION V          MATERIAL RADIATION PROTECTION SECTION          1400 N. P. A. LANE SUITE 210          WALNUT CREEK, CA 94598</p>
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PERSONS LOCATED IN ADDRESS OR STATE SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY DESIRE TO PURCHASE AND USE LICENSED MATERIAL OR STATE SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item):</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>37-18146-01</u></p>	<p>2. NAME AND MAILED ADDRESS OF APPLICANT (Include Zip Code)</p> <p>Oxford Valley Imaging Center and          Diagnostic Laboratory          330 Middletown Boulevard Suite 402          Langhorne, PA 19047</p>
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3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

330 Middletown Boulevard Suite 402  
 Langhorne, PA 19047

7002090178 890114  
 REG. LIC 30  
 37-18146-01 PDR

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Hugh J. Mullin, M.D.

TELEPHONE NUMBER  
 215-752-8080

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 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 AND EXPERIENCE	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS
9. FACILITIES AND EQUIPMENT	10. RADIATION SAFETY PROGRAM
11. WASTE MANAGEMENT	12. LICENSE FEE (See 10 CFR 170.370 and Section 170.371) FEE CATEGORY <u>7C</u> <input checked="" type="checkbox"/> <b>\$580.00</b>

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 4, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMANCE WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 10 U.S.C. SECTION 1001 (ACT OF JUNE 26, 1948) 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.

SIGNATURE - CERTIFYING OFFICER: *Howard Ferguson* TYPED/PRINTED NAME: Howard Ferguson TITLE: Administrator DATE: \_\_\_\_\_

13. ANNUAL RECEIPT		14. VOLUNTARY ECONOMIC DATA	
<input checked="" type="checkbox"/> A. <input type="checkbox"/> B. <input type="checkbox"/> C. <input type="checkbox"/> D.	1. NUMBER OF EMPLOYEES (Full or part-time) excluding outside contractors	1. NUMBER OF BEDS	5. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Energy and/or other items) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC requires permit fee to assist in the development of regulatory proposals which may be subject to cost-benefit analysis or other regulatory impact analysis)
<input type="checkbox"/> < 500K <input type="checkbox"/> 500K - 999K <input type="checkbox"/> 1000K - 1499K <input type="checkbox"/> 1500K - 1999K	<input type="checkbox"/> 01M - 3.0M <input type="checkbox"/> 3.0M - 7M <input type="checkbox"/> 7M - 10M <input type="checkbox"/> > 10M		<input type="checkbox"/> YES <input type="checkbox"/> NO

FOR NRC USE ONLY

TYPE OF FEE <b>REN</b>	FEE LOC <b>Oct 12<sup>th</sup></b>	FEE CATEGORY <b>7C</b>	COMMENTS	APPROVED BY <i>S. Kimbly</i>
AMOUNT RECEIVED <b>\$580</b>	CHECK NUMBER <b>3957</b>			DATE <b>10/17/88</b>

Attachments 5 & 6

<u>Byproduct Material</u>	<u>Amount</u>	<u>Purpose</u>
5.a Material in 35.100	as needed	6.a Medical
5.b Material in 35.200	as needed	6.b Medical

Attachments 7

Authorized Users

Authorized user for materials in 5a, 5b

1. Hugh J. Mullin, M.D. Radiation Safety Officer

Please refer to previous amendments for description training and experience.

Attachment 8

Training for Individuals Working in or Frequenting Restricted Areas

Oxford Valley Imaging Center will establish and implement the model training program that was published in Appendix A to Regulatory Guide 10.8, Revision 2.

Nuclear Medicine technologists will be instructed (via inservice lecture) by the health physicist or RSO upon starting duties and during annual refresher training.

Housekeeping or other personnel (e.g. security) frequenting the department will be instructed via a meeting or discussion annually or as necessary by the health physicist or RSO.

Attachment 9.5

Atomic Products G.M. model 069-700 range 0 - 50 mR/hr.

Victoreen 740-F Cutie Pie range 0 - 25 R/hr.

Back-up G.M. on premises during repair or recalibration of  
Atomic Products G.M. by Bio-Med Associates, Inc..

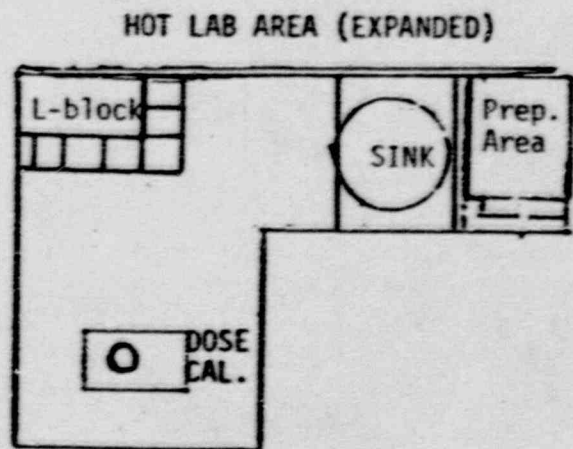
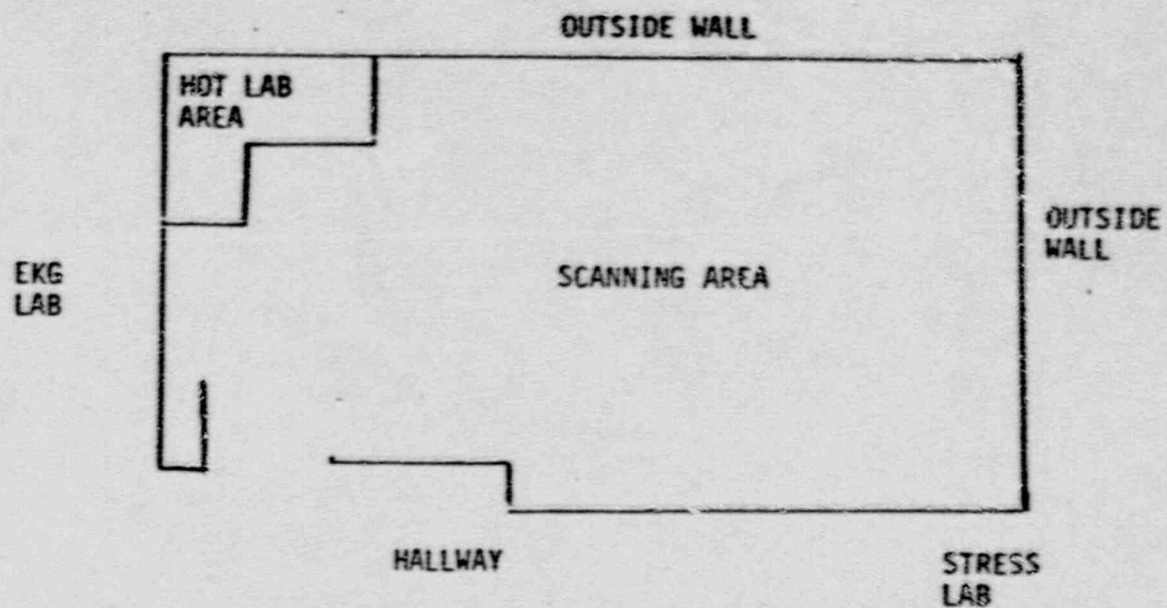
Capintec CRC 5 Dose Calibrator

General Electric Maxicam II Gamma Camera

Victoreen 578 delux wipe test counter

Additional equipment:

1. Syringe shields
2. Lead syringe holders
3. Disposable rubber gloves
4. Absorbant pads
5. 2" Lead Brick Fort, 4 bricks high (20")
6. Vials are stored in their lead pigs.
7. Lead L-block shield is present.
8. Remote handling devices are present.
9. Lab coats are worn by technologists.
10. Leaded radioactive waste storage container.



The scale of the diagram is 1/4 in. = 1 ft. (except expanded lab)

Attachment 10

Oxford Valley Imaging Center will establish and implement the model programs published in the following Appendixes of Regulatory Guide 10.8 Revision 2.

Appendix B

Appendix C

Appendix D

Appendix F - No Radiation Safety Committee

Appendix G

Appendix H

Appendix I

Appendix J

Appendix K

Appendix L

Appendix M<sub>1</sub> - M<sub>2</sub>

Appendix N - Survey trigger levels 0.5 mR/hr. unrestricted areas  
5.0 mR/hr. restricted areas

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.).

Attachment 11

Waste Management

We will establish and implement the general guidance and model procedures for waste disposal that are published in Appendix R to Regulatory Guide 10.8, Revision 2.

109E03

OFFICIAL RECORD COPY ML 10

21 SEP 1988

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)  
INFORMATION FROM LTS  
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PROGRAM CODE: 02200  
STATUS CODE: 2  
FEE CATEGORY: 7C  
EXP. DATE: 19881031  
FEE COMMENTS: -----  
.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: OXFORD VALLEY IMAGING CTR. & DIAG.  
RECEIVED DATE: 880921  
DOCKET NO: 3014566  
CONTROL NO.: 109603  
LICENSE NO.: 37-18145-01  
ACTION TYPE: RENEVAL

2. FEE ATTACHED

AMOUNT: \$580.00  
CHECK NO.: 3957

3. COMMENTS

SIGNED R. J. Brown  
DATE 88/09/26

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1-7)

1. FEE CATEGORY AND AMOUNT: 7C \$580

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT -----  
RENEWAL ✓-----  
LICENSE -----

3. OTHER -----  
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SIGNED S. Kimberly  
DATE 10/17/88

2 actions

Note To: License Fee Management Section, ADM  
From: Region I  
Subject: VOIDED APPLICATION

Nov. 6<sup>I</sup>  
7C  
109844  
✓ SK

Control Number 109844

Applicant OXFORD VALLEY IMAGING CIR + DIAG

Date Voided 1-14-89

Reason for Void:

COMBINED WITH C/N 109603  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*After Review*

ESM  
Signature

1-14-89  
Date

Attachment:  
Official Record Copy  
of Voided Action