

NRC FORM 313  
(4-2004)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2006

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 [infocollections@nrc.gov](mailto:infocollections@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.

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

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

IF YOU ARE LOCATED IN:

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  
811 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

03003074  
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.

1. THIS IS AN APPLICATION FOR (Check appropriate item) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>37-06621-01</u>	2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)  Ohio Valley General Hospital Heckel Road McKees Rocks, PA 15136
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED  Same	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION  Keith G. Ostrom, Consultant, Associates in Medical Physics, LLC  TELEPHONE NUMBER  (216) 663-7000

RECEIVED  
REGION I  
MAY 22 2005 15


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 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) 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.

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, 38, 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE <u>DAVID W. SCOTT, CHIEF OPERATING OFFICER</u>	SIGNATURE 	DATE <u>5/9/05</u>
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FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY			\$	DATE	

137035

**OHIO VALLEY GENERAL HOSPITAL****One of the best hospitals in the city isn't in the city.**

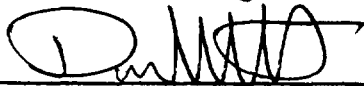
25 Heckel Road • Kennedy Township

McKees Rocks, PA 15136-1694

412-777-6161

[www.ohiovalleyhospital.org](http://www.ohiovalleyhospital.org)**Memo To: Radiation Safety Officer****From:** Administration**Subject:** Delegation of Authority

You, Everett Oesterling, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of radioactive materials by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management of situations where staff are not cooperating and not addressing radiation safety issues. In addition, you are free to raise issues with the Nuclear Regulatory Commission at any time. It is estimated that you will spend 4 hours per week conducting radiation protection activities.

 5/9/05**Signature of Management Representative****I accept the above responsibilities,****Signature of Radiation Safety Officer****cc: Affected department heads**

Duplicate

■ MATERIAL ■

Duplicate

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.

## Licensee

1. Ohio Valley General Hospital

2. Heckel Road

McKees Rocks, Pennsylvania 15136

In accordance with the letter dated

December 12, 2001,

3. License number 37-06621-01 is amended in its entirety to read as follows:

4. Expiration date June 30, 2005

5. Docket No. 030-00074

Reference No.

6. Byproduct, source, and/or special nuclear material

A. Any byproduct material identified in 10 CFR 35.100

B. Any byproduct material identified in 10 CFR 35.200

C. Any byproduct material identified in 10 CFR 35.300

D. Gadolinium 153

7. Radiopharmaceutical and/or physical

identified in 10 CFR 35.100

any radiopharmaceutical identified in 10 CFR 35.200 except gaseous and gas

C. Any radiopharmaceutical identified in 10 CFR 35.300

D. Sealed Sources (IPL Model A3410/North American Scientific Model MED 3601/DuPont Merck Model NES-8412)

8. Maximum amount that licensee may possess at any one time under this license

A. As needed

B. As needed

C. 100 millicuries

D. 300 millicuries per source and 1 curie total

9. Authorized use:

A. Any uptake, dilution and excretion procedure approved in 10 CFR 35.100.

B. Any imaging and localization procedure approved in 10 CFR 35.200.

C. Any radiopharmaceutical therapy procedure approved in 10 CFR 35.300 for which

D. For use in an ADAC Model Vantage device for patient attenuation correction during S.P.E.C.T. imaging.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

Duplicate

License Number

97-06621-01

Docket or Reference Number

030-03074

Amendment No. 17

Duplicate

## CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at Ohio Valley General Hospital, Heckel Road, McKees Rocks, Pennsylvania.
11. The Radiation Safety Officer for this license is Everett F. Oesterling, Jr., M.D.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized UsersMaterial and Use

Everett F. Oesterling, Jr., M.D.

35.100; 35.200; 35.300;  
Gadolinium 153 for patient attenuation during S.P.E.C.T.  
imaging

Harold Z. Scheinman, M.D.

35.100; 35.200; 35.300;  
for patient attenuation during S.P.E.C.T.

13. In addition to the possession limits contained in the license, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(a), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
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. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

Duplicate

License Number

87-06621-01

Docket or Reference Number

030-03074

Amendment No. 17

- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of radioactive contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 32.25(2), and the source shall be removed immediately from service and decontaminated, repaired or disposed of in accordance with Commission regulations.
- E. Tests for leakage and/or contamination on sealed source test sample collection and analysis, shall be performed by the licensee for other purposes specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
16. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
17. The licensee shall conduct a physical inventory every three months to account for all sealed sources and devices containing licensed material received and possessed pursuant to 10 CFR 35.57, 35.400 and 35.500 and every six months for all other sealed sources and devices.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

Duplicate

License Number

97-06621-01

Docket or Reference Number

030-03074

Amendment No. 17

Duplicate

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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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 12, 1994
- B. Letter dated April 27, 1995
- C. Letter dated May 12, 1995
- D. Letter dated December 12, 2001



For the U.S. Nuclear Regulatory Commission

Date January 15, 2002

By

*Original signed by Michelle Beardsley*

Michelle Beardsley  
Nuclear Materials Safety Branch 1  
Division of Nuclear Materials Safety  
King of Prussia, Pennsylvania 19406

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**ITEMS #5 & 6**

<u><b>BYPRODUCT MATERIAL</b></u>	<u><b>AMOUNT</b></u>	<u><b>CHEMICAL/PHYSICAL FORM</b></u>
5a. Material in 35.100	As needed	6a. Any
5b. Material in 35.200	As needed	6b. Any
5c. Material in 35.300	1.5 Curies	6c. 100 mCi
5d. Material in 35.500( 153 Gd )	300 mCi per Source;1Ci total	6d. Sealed Sources(IPL Model NES-8412/North American Scientific Model MED3601/ DuPont Merck Model - 8412)

**ITEM #7.1  
AUTHORIZED USERS**

<u><b>AUTHORIZED USERS</b></u>	<u><b>MATERIALS AND USES</b></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.

**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.

**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.

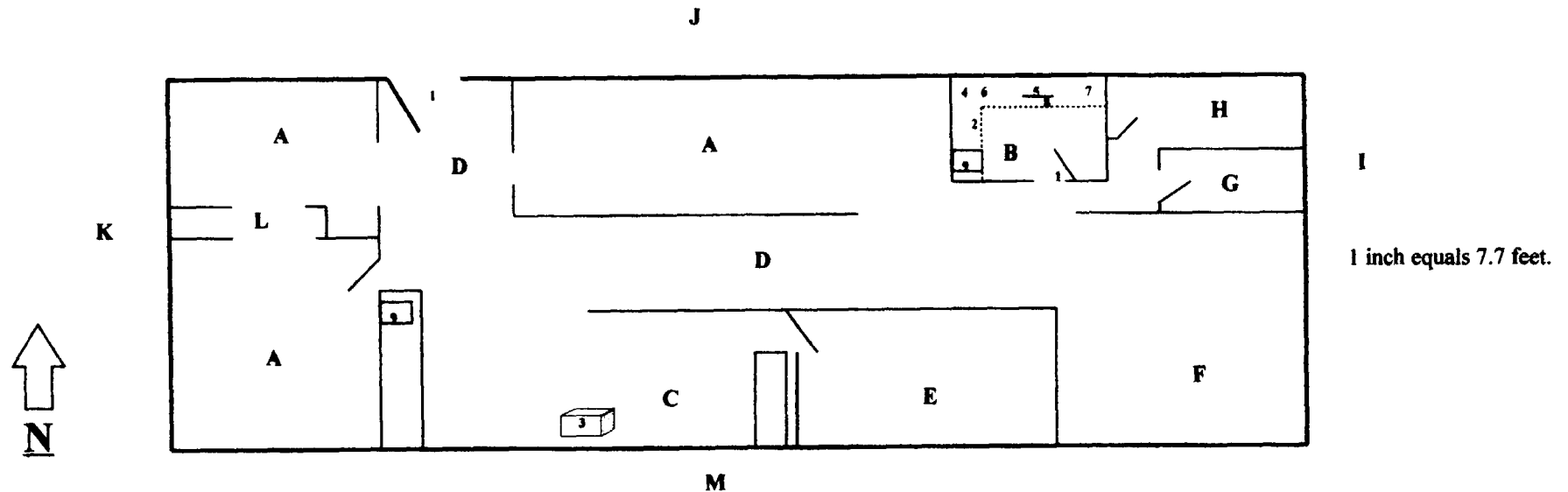
Renewal  
5 May 2005  
37-06621-01



### Item #9

**Ohio Valley General Hospital**  
**Nuclear Medicine Department**

25 Heckel Road; McKees Rocks; PA 15136



**Restricted Areas:**

- A. Camera Rm.  
B. Hot lab  
C. Injection Area

**Adjacent Unrestricted Areas:**

- D. Corridor
- E. Physician's Office
- F. File Rm./Break Area
- G. Changing Rm.
- H. Lavatory
- I. Physical Therapy Dept.
- J. Hallway
- K. Outpatient Registration
- L. Computer Rm.
- M. Exterior

**Equipment:**

1. Lockable Door
2. Survey Equipment
3. Uptake probe/Well Counter
4. Radionuclide Storage
5. Prep Area
6. Waste Storage
7. Dose Calibrator
8. Standard L-Shield
9. Sink

**\*\* Above NM area are patient rooms**

**\*\* Below NM area is an office area**

NRC Lic.#37-06621-01  
PA Lic. # 0383

5 May 2005

**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

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

5/9/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Renew 37-06621-01 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

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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 137035.  
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:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

: (FOR LFMS USE)  
: INFORMATION FROM LTS  
: -----  
:  
: Program Code: 02120  
: Status Code: 2  
: Fee Category: 7C  
: Exp. Date: 20050630  
: Fee Comments: \_\_\_\_\_  
: Decom Fin Assur Req'd: N  
: .....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: OHIO VALLEY GENERAL HOSPITAL  
Received Date: 20050512  
Docket No: 3003074  
Control No.: 137035  
License No.: 37-06621-01  
Action Type: Renewal

2. FEE ATTACHED

Amount: /  
Check No.: /

3. COMMENTS

Signed *Shirley J. Ford*  
Date 5/16/05

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

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