



Southern Ocean County Hospital

December 1, 2004

U.S. Nuclear Regulatory Commission
Region I
ATTN. Medical Licensing
475 Allendale Road
King of Prussia, PA 19406-1415

03013260

X

Renewal of License No. 29-17736-01

Dear Sir/Madam:

I have enclosed the renewal application for our license, which expires December 31, 2004.

If you have any questions as you review this application, please feel free to contact our Radiology Manager, Ms. Linda Liana, or our Nuclear Medicine Chief Technologist, Ms. Joyce Susco, or me.

Sincerely,

Stephanie L. Bloom
Chief Operating Officer

Enclosures
cc. Michael P. Nunno, RSO

04 DEC -8 PM 2:44

RECEIVED
REGION 1

136101

NMSS/RGNI MATERIALS-002

APPLICATION FOR MATERIAL LICENSE

Estimated burden per response to comply with this mandatory collection request: 7.4 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 Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjsl@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (315G-0000), 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.

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:
CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
PACIFIC TRUST
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA,
PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS,
OR WEST VIRGINIA, SEND APPLICATIONS TO:

SAM NUNN ATLANTA FEDERAL CENTER
U. S. NUCLEAR REGULATORY COMMISSION, REGION 11
61 FORSYTH STREET, S.W., SUITE 23T85
ATLANTA, GEORGIA 20303

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)*
- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER
- ☒ C. RENEWAL OF LICENSE NUMBER 29-17736-01
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED
APPLICATION Same as (2).

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
801 WARRENVILLE RD.
LISLE, IL 00532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII,
IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA,
NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON,

TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR
WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8084

2. NAME AND MAILING ADDRESS OF APPLICANT *include ZIP code*
Southern Ocean County Hospital
1140 Route 72 West
Manahawkin, NJ 08050-2499
4. NAME OF PERSON TO BE CONTACTED ABOUT THIS
Linda Liana, Radiology Manager
TELEPHONE NUMBER
609-978-8900, Ext. 2154

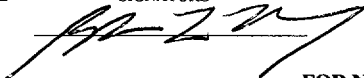
SUBMIT ITEMS 5 THROUGH 11 ON 6 1/4 X 11" PAPER. THE TYPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL **SEE ATTACHED**
6. PURPOSES FOR WHICH LICENSED MATERIAL WILL BE USED **SEE ATTACHED**
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR RESTRICTED AREAS **SEE ATTACHED**
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING TRAINING EXPERIENCE. **SEE ATTACHED**
9. FACILITIES AND EQUIPMENT. **SEE ATTACHED**
10. RADIATION SAFETY PROGRAM. **SEE ATTACHED**
11. WASTE MANAGEMENT. **SEE ATTACHED**
12. LICENSE FEES (See 10 CFR 170 and SECTION 170.31)
FEE CATEGORY: **N.A.** AMOUNT: **\$**

13. CERTIFICATION. *(Must be completed by applicant).* THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CFR11IFY 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 25,1048 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 NAME AND TITLE
Stephanie L. Bloom, COO

SIGNATURE



DATE
12/1/04

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS	APPROVED BY	DATE
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136101



LICENSE RENEWAL – NOVEMBER 2004

Please note that the official address of the institution is 1140 Route 72 West, not 1140 West Bay Avenue.

Items 5 & 6: As specified in items 6, 7, 8, & 9 of amendment 26, dated March 15, 2004, ***except deletion of 10 CFR 31.11.***

Important note: NO brachytherapy sources are on site since no program has begun.

Item 7: The Radiation Safety Officer for the license will continue to be Michael P. Nunno, as stated in amendment 26, dated March 15, 2004.

From the authorized list in item 12B please ***delete Murray Rothberg, M.D., and add Arkady Finkel, M.D.*** A copy of Dr. Finkel's board certificate from the ABR is enclosed. **Dr. Finkel's authorized use: 35.100; 35.200; 35.300.**

In addition, the following corrections should be made: Nazir El-Abidin, M.D.- 35.200 *not* 35.20; Bong Chang, M.D.-*delete* 35.500 use, only 35.400 (Dr. Chang is a radiation oncologist).

Item 8: Changes in radiation safety policies and procedures will be reviewed at least annually by individuals working in or frequenting restricted areas. Changes in the pertinent regulations will be addressed as well.

Item 9: Although the areas of handling and storage of radioactive material are as previously submitted, a diagram depicting these areas is enclosed.

Major Equipment: (1) Dose calibrator – Capintec CRC-15R

(2) Survey meters – Ludlum 14C

Ludlum 5

Bicron Surveyor 2000

(3) Well & Uptake Probe – Atomlab 930

LICENSE RENEWAL – NOVEMBER 2004

Item 9 Continued.

The quality assurance for the dose calibrator will follow the manufacturer's specifications, which means that no annual accuracy test is needed since the daily measurements with the Co-57 and Cs-137 reference standards represent an accuracy check. A channel check will be done at least on days when the particular radionuclide is used. A quarterly linearity will still be performed over the clinically used dose range.

All radiation survey meters will be calibrated *annually* by a person or corporation qualified to perform survey meter calibrations as specified in Appendix K, NUREG-1556, Volume 9. 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 10:**
1. We adopt Appendix M in NUREG-1556, Volume 9 – “Model Procedures for an Occupational Dose Program” – in order to meet the requirements of 10 CFR 20.1101.
 2. We adopt Appendix N in NUREG-1556, Volume 9 – “Model Spill, Emergency Surgery, and Autopsy Procedures” – in order to meet the requirements of 10 CFR 20.1101.
 3. We adopt Appendix O in NUREG-1556, Volume 9 – “Model Procedures for Ordering and Receiving Packages.”
 4. We adopt Appendix P in NUREG-1556, Volume 9 – “Model Procedures for Safely Opening Packages Containing Radioactive Material” – in order to meet the requirements of 10 CFR 20.1906.
 5. We adopt Appendix Q in NUREG-1556, Volume 9 – “Model Leak Test Program.”
 6. We adopt Appendix S in NUREG-1556, Volume 9 – “Model Procedures for Developing, Maintaining, and Implementing Written Directives” – in order to meet the requirements of 10 CFR 35.40 and 10 CFR 35.41.



LICENSE RENEWAL – NOVEMBER 2004

Item 10 Continued.

7. We adopt Appendix T in NUREG-1556, Volume 9 – “Model Procedures for Safe Use of Unsealed Licensed Material” – in order to meet the requirements of 10 CFR 20.1101 and 20.1301.

8. Procedure for Area Monitoring

Area surveys will be performed with a survey meter sufficiently sensitive to detect 0.1mR/hr in the following areas and at the frequency specified:

At the end of each day of use – all radiopharmaceutical elution, preparation, assay, and administration areas.

Weekly – all sealed storage and waste storage areas.

Contamination surveys – *weekly*. Area wipe testing will be performed in all elution, preparation, assay, and administration areas.

Trigger Levels

When diagnostic radiopharmaceuticals are used:

Unrestricted: 0.5mR/hr, 2,000dpm

Restricted: 5.0mR/hr, 20,000dpm

When I-131 is used:

Unrestricted: 0.1mR/hr, 200dpm

Restricted: 0.1mR/hr, 2000dpm

If any of the trigger levels are exceeded and the areas cannot be decontaminated, then the areas will be either shielded or posted and restricted from use until it decays or can be decontaminated. The RSO will be notified if an area cannot be decontaminated to below the trigger levels.



LICENSE RENEWAL – NOVEMBER 2004

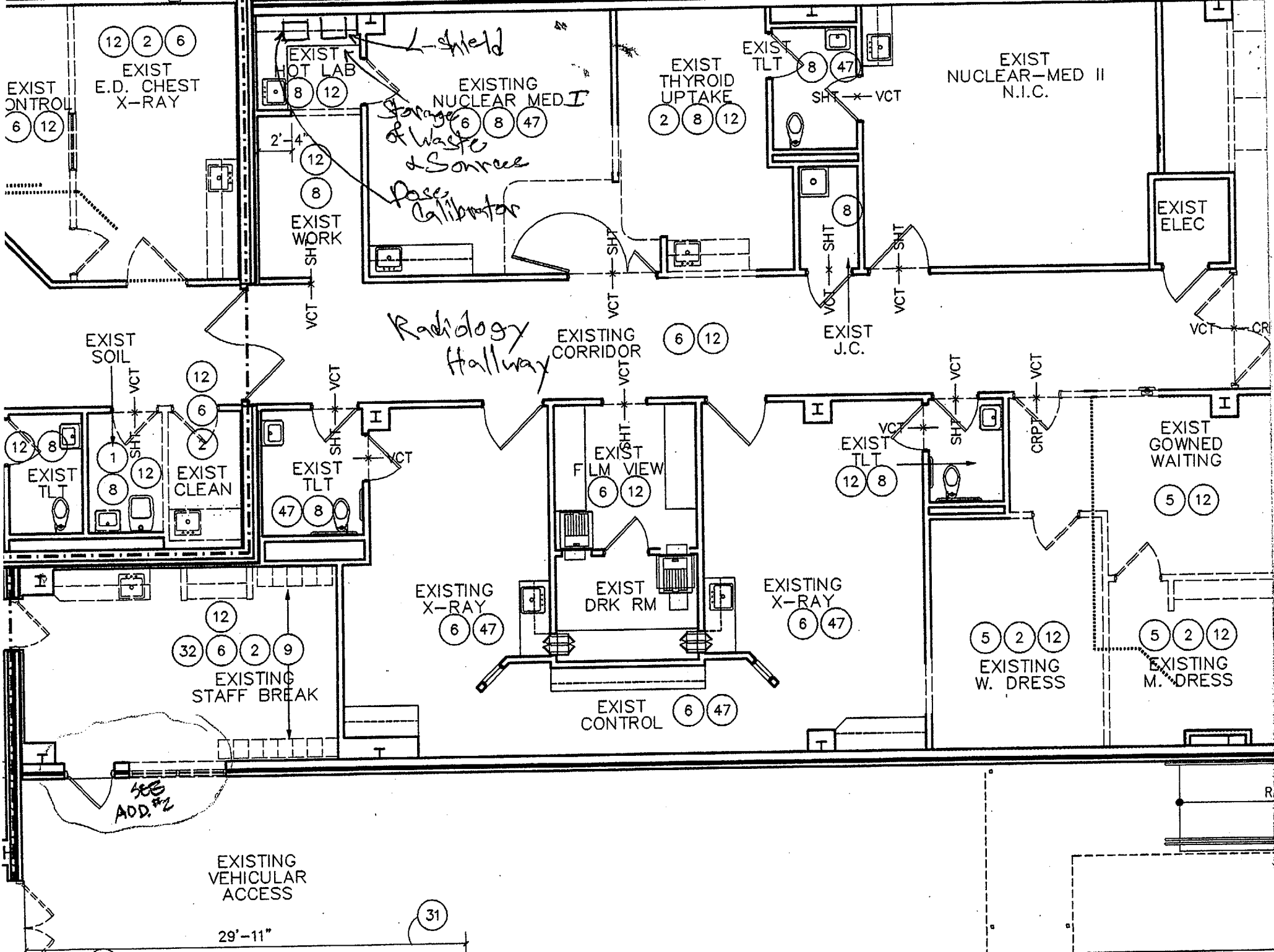
Item 10 Continued.

The record will include: (1) ambient radiation levels; (2) contamination levels; (3) make and model number of instruments used; (4) name of the individual making the evaluation and date.

Item 11: We have already adopted the “Model Procedure for Waste Disposal by Decay-in-Storage, Generator Return, and Licensed Material Return” as described in Appendix W, NUREG-1556, Volume 9.

EXIST
FEC

Outside - Side Entrance



EXISTING
VEHICULAR
ACCESS

29'-11"

31

The American Board of Radiology

*Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicists in Medicine*

Hereby certifies that

Arkady Finkel, MD

*Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of*

The American Board of Radiology

On this fourth day of June, 2003

*Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of*

Diagnostic Radiology



Certificate No. 49930

William H. ...
President

Philip O. ...
Secretary-Treasurer

R.P. ...
Executive Director



Valid through 2013

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

12/1/2004, and to inform you that the initial processing which includes an administrative review has been performed.

☒ RENEW 29-17736-01
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** 136101.
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: : (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
License Fee Management Branch, ARM : Program Code: 02120
and : Status Code: 2
Regional Licensing Sections : Fee Category: 7C
: Exp. Date: 20041231
: Fee Comments: CODE 23
: Decom Fin Assur Reqd: N
:

LICENSE FEE TRANSMITTAL

A. REGION *I*

1. APPLICATION ATTACHED

Applicant/Licensee: SOUTHERN OCEAN COUNTY HOSPITAL
Received Date: 20041208
Docket No: 3013260
Control No.: 136101
License No.: 29-17736-01
Action Type: Renewal

2. FEE ATTACHED

Amount:
Check No.:

3. COMMENTS

Signed *M. A. Perkins*
Date *12/13/2004*

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 _____