

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.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NM 5
WASHINGTON, DC 20555

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, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION REGION I
NUCLEAR MATERIAL SECTION B
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

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

U.S. NUCLEAR REGULATORY COMMISSION REGION II
MATERIAL RADIATION PROTECTION SECTION
171 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

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 JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER _____
- C. RENEWAL OF LICENSE NUMBER 08-11182-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Greater Southeast Community Hospital
1310 Southern Avenue
Washington, D.C. 20032

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

Same as item 2

*Renewal of MB
5/12/88*

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Dr. Michael Usher

TELEPHONE NUMBER

(202) 574-6581

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. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 7C AMOUNT ENCLOSED \$ 580.00

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, 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.

SIGNATURE - CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Thomas W. Chapman

Mr. Thomas W. Chapman

President

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS	
<\$50K	\$1M-3.5M
\$250K-500K	\$3.5M-7M
\$500K-750K	\$7M-10M
\$750K-1M	>\$10M

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial--proprietary--information furnished to the agency in confidence)

YES NO

FOP NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
REN	May 13 1988	7C	8912070277 881018 REG 1 LIC 30 08-11182-01 PDR
AMOUNT RECEIVED	CHECK NUMBER		
580	09563		

APPROVED BY	DATE
<i>S. Kimberly</i>	6/18/88

PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U. S. Nuclear Regulatory Commission
Director, Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
Washington, D.C. 20555

Item 5 Radioactive Materials

Item 6 Purpose

<u>Byproduct Material</u>	<u>Amount</u>	<u>Purpose</u>
5.a Material in 35.100	As needed	6.a Medical use
5.b Material in 35.200	As needed	6.b Medical use
5.c Material in 35.300	As needed	6.c Medical use

Item 7 Individuals Responsible for the Radiation Safety Program

Item 7.1 Authorized Users for Medical Use

The following individuals are currently listed as authorized users under our existing licenses for the indicated uses:

Name	Use
Michael S. Usher, M.D.	35.100 35.200 35.300
George E. Gilbert, M.D.	35.100 35.200 35.300
Paul Lubar, M.D.	35.100 35.200 35.300
Robert Jacobs, M.D.	35.100 35.200 35.300
Bhooshan Vilma, M.D.	35.100 35.200
Charles D. Boyle, M.D.	35.100 35.200
Stanley M. Perl, M.D.	35.100 35.200
Ira W. Chidel, M.D.	35.100 35.200
David E. Reagin, M.D.	35.100
Alex M. Kwan, M.D.	35.100

Dr. Michael Usher, M.D. is the Hospital's Radiation Safety Officer.

Dr. Usher's qualifications are listed in our original license application dated 1/31/83. Dr. Usher is also listed as the RSO under our current license.

Item 8 Training

The training program is described in our original license application dated 1/31/83.

Item 9 Facilities and Equipment

Item 9.1 The facilities are described in our original license application dated 1/31/83 and in our applications dated 3/17/87.

Item 9.2 The model procedure for calibrating survey instruments that was published in Appendix B of Regulatory Guide 10.8, Revision 2 will be used.

- Item 9.3 The model procedure for calibrating the dose calibrator that was published in Appendix C of Regulatory Guide 10.8, Revision 2 will be used.
- Item 9.4 The model procedure for personnel external exposure monitoring that was published in Appendix D of Regulatory Guide 10.8, Revision 2 will be used. The services of R.S. Landauer are currently used for personnel monitoring.
- Item 9.5 The imaging equipment used in the nuclear medicine department is listed below:
Ohio Nuclear LFOV, Model Sigma 410
Ohio Nuclear, Series 100
- Item 9.6 The other equipment and facilities are described in our original license application dated 1/31/83.
- Item 10 Radiation Safety Program**
- Item 10.1 The radiation safety committee's charter and the RSO's delegation of authority are described in our original license application dated 1/31/83.
- Item 10.2 Greater Southeast Community Hospital's ALARA program is described in our original license application dated 1/31/83.
- Item 10.3 We will establish and implement the model procedure for leak-testing sealed sources that was published in Appendix H to Regulatory Guide 10.8, Revision 2.
- Item 10.4 We will establish and implement the model safety rules published in Appendix I to Regulatory Guide 10.8, Revision 2.
- Item 10.5 We will establish and implement the model spill procedures published in Appendix J to Regulatory Guide 10.8, Revision 2.
- Item 10.6 We will establish and implement the model guidance for ordering and receiving radioactive materials that was published in Appendix K to Regulatory Guide 10.8, Revision 2.
- Item 10.7 We will establish and implement the model procedure for opening packages that was published in Appendix L to Regulatory Guide 10.8, Revision 2.
- Item 10.8 We will establish and implement the model procedure for a unit dosage record system that was published in Appendix M to Regulatory Guide 10.8, Revision 2.
- Item 10.9 We will establish and implement the model procedure for keeping records of multidose vial use that was published in Appendix M to Regulatory Guide 10.8, Revision 2.
- Item 10.10 We will establish and implement the model procedure for measuring and recording molybdenum concentration that was published in Appendix M to Regulatory Guide 10.8, Revision 2.
- Item 10.11 N/A
- Item 10.12 We will establish and implement the model procedure for area surveys that was published in Appendix H to Regulatory Guide 10.8, Revision 2.

Item 10.13 We will establish and implement the model procedure for calculating worker dose from noble gases that was published in Appendix O.1 to Regulatory Guide 10.8,

We will collect spent noble gas in a shielded container and will establish and implement the model procedure for checking trap effluent that was published in Appendix O.3 to Regulatory Guide 10.8, Revision 2.

Item 10.14 We will establish and implement the model procedure for radiation safety during radiopharmaceutical therapy that was published in Appendix P to Regulatory Guide 10.8, Revision 2.

In addition to the radiation safety checklist (Exhibit 18), the room diagram and the QA checksheet attached to our letter dated April 19, 1988 concerning routine inspection number 87-001, will be used for radiopharmaceutical therapy.

Item 11 Waste Management

Greater Southeast Community Hospital will establish and implement the model procedures in Appendix R of Regulatory Guide 10.8, Revision 2.

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 02120
STATUS CODE: 2
FEE CATEGORY: 7C
EXP. DATE: 19880531
FEE COMMENTS: *Code 23*

LICENSE FEE TRANSMITTAL

A. REGION *I*

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: GREATER SOUTHEAST COMMUNITY HOSP.
RECEIVED DATE: 880505
DOCKET NO: 3001334
CONTROL NO.: 108851
LICENSE NO.: 08-11182-01
ACTION TYPE: RENEWAL

2. FEE ATTACHED

AMOUNT: 580.00
CHECK NO.: 09563

3. COMMENTS

SIGNED *BP*
DATE 5/10/88

8. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED *1/1*)

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

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT _____
RENEWAL _____
LICENSE _____

3. OTHER _____

SIGNED *J. Kimbrough*
DATE 5/18/88