

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: 10/31/2005

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 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.

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

03009176

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)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER _____
- C. RENEWAL OF LICENSE NUMBER 37-15480-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Good Samaritan Regional Medical Center
700 East Norwegian Street
Pottsville, PA 17901

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Good Samaritan Regional Medical Center
700 East Norwegian Street
Pottsville, PA 17901

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Mark Liddington

TELEPHONE NUMBER

(717) 291-9813

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 _____ 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, 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, 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
Peter U. Bergmann - President and Chief Executive Officer

SIGNATURE
Peter U. Bergmann

DATE
6/23/05

FOR NRC USE ONLY

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

RECEIVED
JUN 24 PM 1:36



June 22, 2005

Licensing Assistance Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission – Region I
475 Allendale Rd.
King of Prussia, PA 19406-1415

Dear License Reviewer,

We, GOOD SAMARITAN REGIONAL MEDICAL CENTER., wish to renew our NRC medical use of byproduct material license (#37-15480-01) under the current 10 CFR 35 regulations. Additionally, please find attached: our signed NRC 313 form, diagram of our operational layout, and this letter answering items 5-11 of NRC 313.

Items 5 and 6: Radioactive Material and Use

We wish to be licensed for the following material categories and associated quantities.

- 10 CFR 35.100 and 200 procedures, any chemical/physical form, and with quantities as needed.
- Byproduct material permitted by 10 CFR 35.400, in the form of sealed sources, with a possession limit of 750 millicuries. (For possession and storage only in shielded storage containers in the locked source storage closet.)

Item 7: Radiation Safety Officer and Authorized Users

Stephen R. Whitmoyer, M.D. will continue as our Radiation Safety Officer.

Our list of authorized users will remain as follows:

Stephen R. Whitmoyer, M.D.	35.100; 35.200
Brian A. Solomon, M.D.	35.100; 35.200
Michael Steltz, M.D.	35.100; 35.200
Michael E. Thune, M.D.	35.100; 35.200

Item 8: Safety Instructions for Individuals Working in or Frequenting Restricted Areas

We will provide radiation safety instructions initially and annually as required by 10 CFR 19.12 and 10 CFR 35.27.

Item 9: Facility Diagram

Diagrams are enclosed that describe the facilities and identify activities conducted in all contiguous areas surrounding the area(s) of use. We will receive packages, prepare doses and store our sealed sources in the hot lab. Radioactive waste is stored in the remote, brachytherapy source closet. Administrations will take place in the stress lab, imaging room or nuclear medicine corridor. The diagram includes the following information: Description of the area of package receipt, storage, preparation, administration of radioactive materials and radioactive waste storage. All sources will be shielded and doses prepared behind a standard ½” L-block shield.

Item 9: Radiation Monitoring Equipment

- (2) Ludlum 14 C radiation survey meters, with end-window G.M. probe (0.01-2000 mR/hr) or equivalent meter
- (1) Radiation Alert Inspector digital survey meter or equivalent meter
- (1) Nuclear Associates Wipe Meter
- (1) Capintec Captus 500 uptake probe or equivalent system

Our radiation survey meters are calibrated annually by a qualified person authorized by the NRC or an Agreement State to perform radiation survey meter calibrations. We have developed and will implement and maintain written survey meter calibration procedures in accordance with 10 CFR 20.1501 and 10 CFR35.61. 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: Dose Calibrators

We will use a Capintec CRC-7 or equivalent dose calibrator; however, we get the majority of our radioactive material in “unit doses”. Our developed, implemented, and maintained protocol for calibrating the dose calibrator is that we follow a nationally recognized standard protocol for calibrating dose calibrators in compliance with 10 CFR 35.41, 10 CFR 35.60, and 10 CFR 35.63, as applicable.

Item 9.4: Other Equipment

We have the following additional radiation safety equipment:

- 1. Lead-L-block
- 2. Lead radioactive waste containers
- 3. Leaded syringe shields
- 4. Leaded syringe transport carrier
- 5. Leaded sealed source containers
- 6. Leaded sealed source cases

Item 10: Occupational Dose

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 the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under “Criteria” in

NUREG-1556, Vol. 9, Rev.1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Medical use Licenses."

Item 10: Radiation Area Surveys

We have developed and will implement and maintain written procedures for area surveys in accordance with 10 CFR 20.1101, 10 CFR 20.1501, and 10 CFR 35.70.

Item 10: Safe Use of Unsealed Licensed Material

We have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 20.1301.

Item 10: 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 10: Minimization of Contamination

We will minimize potential contamination from radiopharmaceuticals with the following disposal and preventative measures. The radiopharmacy picks up the majority of spent syringes on the days following use. All other contaminated waste including such items as vials, syringes, wipes, and swabs are decayed for 10+ half-lives, monitored to assure consistency with background, and disposed as normal trash, or normal bio-waste. If a room is to be removed from licensed activities, a close-out final survey will be performed. We have contacted our local fire department, which is familiar with the location of our hot lab. Our consultant medical physicist annually calculates our "EPA Compliance" for radiological emissions, based on our previous year's possessions of radioactive materials.

Item 10: Opening Radioactive Material Packages

We have developed and will implement and maintain written procedures for package-opening that meet the requirements of 10 CFR 20.1906.

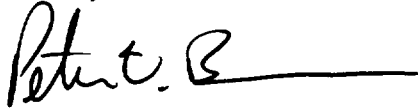
Item 10: Emergency Response for Sealed Sources

We have developed and will implement and maintain written procedures for safe response to emergencies involving sealed sources in accordance with 10 CFR 20.1101 and 10 CFR 35.12.

Item 11: Radioactive Waste Management

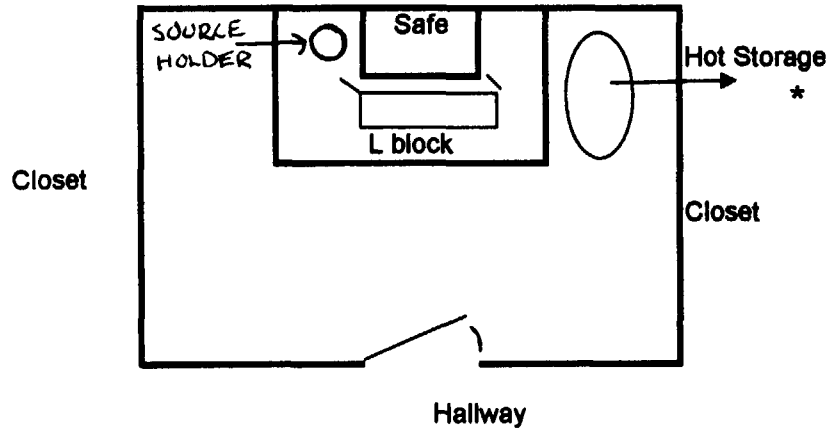
We have developed and will implement and maintain written radioactive waste disposal procedures for licensed material in accordance with 10 CFR 20.1101, that also meets the requirements of the applicable section of Subpart K of 10 CFR 20 and 10 CFR 35.92.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter U. Bergmann", followed by a long horizontal line extending to the right.

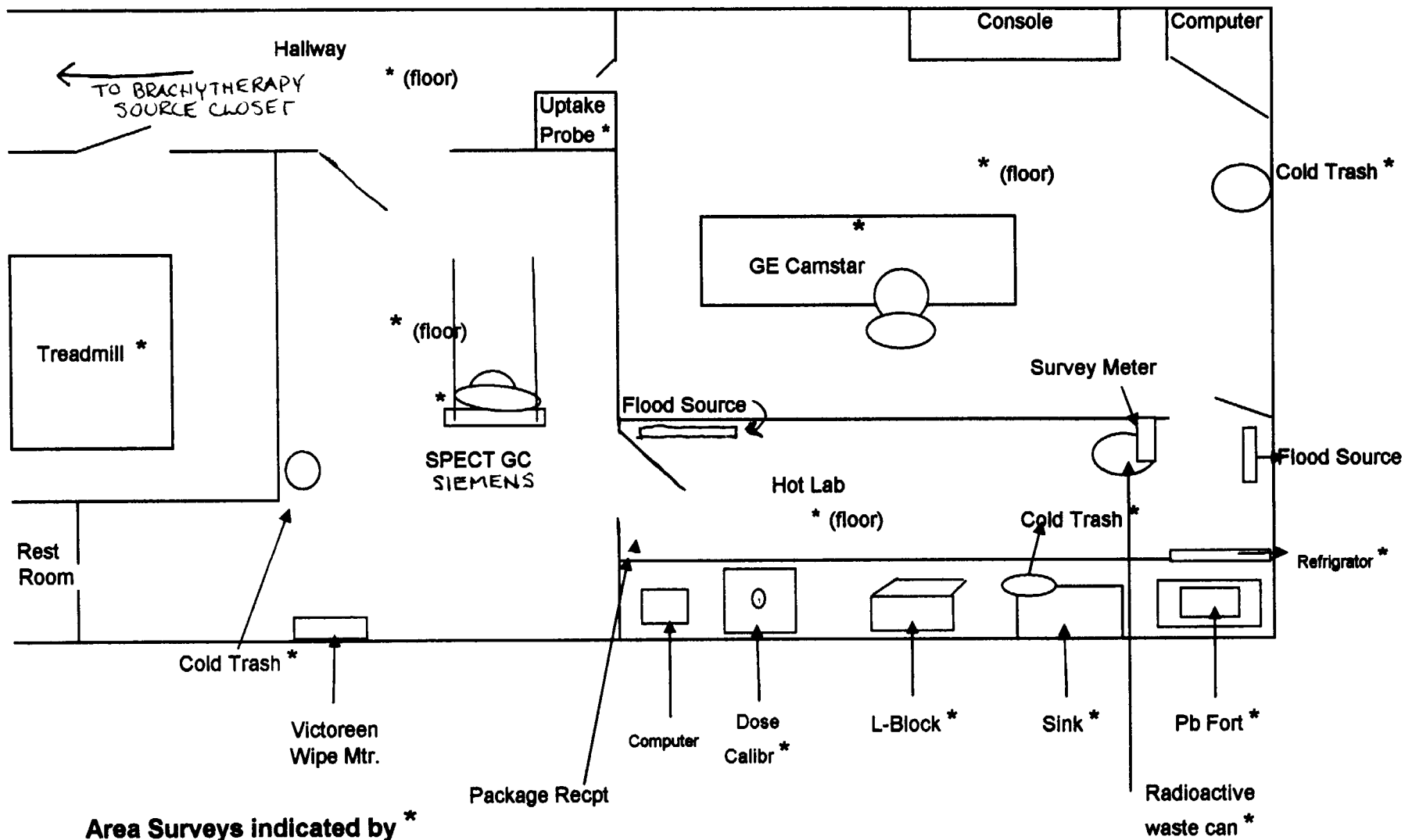
Peter U. Bergmann
President/CEO

Good Samaritan Regional Medical Center/ Nuclear Medicine Remote Storage Survey Floor Plan



Cs-137 SOURCES
LOCATED IN SAFE
AND SOURCE
HOLDER

Good Samaritan Regional Medical Center/ Nuclear Medicine Department Survey Floor Plan



Area Surveys indicated by *

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

6/23/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Renew 37-15480-01
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** 137279.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: Program Code: 02121
: Status Code: 2
: Fee Category: 7C
: Exp. Date: 20050731
: Fee Comments: CODE 21
: Decom Fin Assur Reqd: N
:.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: GOOD SAMARITAN REGIONAL MED. CENTER
Received Date: 20050624
Docket No: 3009176
Control No.: 137279
License No.: 37-15480-01
Action Type: Renewal

2. FEE ATTACHED

Amount: /
Check No.: /

3. COMMENTS

Signed Rebecca J. Ford
Date 11/20/05

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 _____