

MATERIALS LICENSE

Amendment No. 13

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.

OFFICIAL RECORD COPY

Licensee		In accordance with the letter dated May 22, 1997, 3. License Number 37-12808-02 is amended in its entirety to read as follows:	
1. Community General Osteopathic Hospital			
2. 4300 Londonderry Road Harrisburg, Pennsylvania 17105		4. Expiration Date December 31, 2002	
		5. Docket or Reference No. 030-14689	
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Any byproduct material identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200 except gas and generators	B. As needed	
C. Cesium 137	C. Sealed source (Nordion Model ISO-1000 or C-1001)	C. 720 curies	
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. For use in a Nordion Gammacell-1000 Elite Model A Irradiator for the irradiation of material except explosives and flammable materials.			

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at
4300 Londonderry Road, Harrisburg, Pennsylvania.
11. A. The Radiation Safety Officer for this license is Brian Harris, Ph.D., M.D.
- B. Licensed material listed in Item 6.A. and 6.B. above is authorized for use by,
or under the supervision of, only the following individuals for the materials
and uses indicated:

Authorized UsersMaterial and Use

George Crawford, M.D.

35.100; 35.200

Maury M. Brenner, D.O.

35.100; 35.200



ML 10

9707080412 970614
PDR ADOCK 03014689
C PDR

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

37-12808-02

Docket or Reference number

030-14689

Amendment No. 13

Debbie Belovich, M.D. 35.100; 35.200

Brian Harris, Ph.D., M.D. 35.100

Thomas J. Pietras, D.O. 35.100; 35.200

C. Licensed material listed in Item 6.C. above shall be used by, or under the supervision and in the physical presence of individuals who have received the training described in application dated October 18, 1991 and the letters dated March 16, 1994 and May 13, 1994 and have been approved in writing by the Radiation Safety Officer. The license shall maintain records of individuals designated as users for three years following the last use of licensed material by the individual.

12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders or detector cells by the licensee.

13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed 3 years.

B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.

C. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.

E. Sealed sources and detector cells need not be leak tested if:

- (i) they contain only hydrogen 3; or
- (ii) they contain only a gas; or
- (iii) the half-life of the isotope is 30 days or less; or
- (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
- (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer 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 or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

37-12808-02

Docket or Reference number

030-14689

Amendment No. 13

- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by the licensee. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee shall not perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in the irradiator shall be performed by a person specifically licensed by the Commission or an Agreement State to perform such services.
15. The licensee shall not acquire licensed material in a sealed source or in a device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
16. A. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of a quantity which requires decommissioning funding in accordance with 10 CFR 30.35(d), 10 CFR 40.36(b), or 10 CFR 70.25(d).
- B. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material at a single location to quantities below the limits specified in 10 CFR 30.72 which require consideration of the need for an emergency plan for responding to a release of licensed material.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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37-12808-02

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Amendment No. 13

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 8, 1989
- B. Letter dated August 2, 1991
- C. Letter dated September 26, 1991
- D. Application dated October 18, 1991
- E. Letter dated December 6, 1991
- F. Letter dated May 26, 1992
- G. Letter dated September 24, 1992
- H. Letter dated November 2, 1992
- I. Letter dated July 9, 1993
- J. Letter dated March 16, 1994
- K. Letter dated May 13, 1994
- L. Letter dated July 21, 1994
- M. Letter dated April 8, 1996
- N. Letter dated June 7, 1996
- O. Letter dated May 22, 1997

For the U.S. Nuclear Regulatory Commission

**ORIGINAL SIGNED BY:
TARA L. WEIDNER**

By

Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

Date

JUN 14 1997

JUN 14 1997

George R. Strohl, Jr.
Community General Osteopathic Hospital
4300 Londonderry Road
Harrisburg, PA 17105

Dear Mr. Strohl:

This refers to your license amendment request. Enclosed with this letter is the amended license. The "old Hot Lab" facility at 4300 Londonderry Road, Harrisburg, PA may be released for unrestricted use.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

**ORIGINAL SIGNED BY:
TARA L. WEIDNER**

Tara L. Weidner
Division of Nuclear Materials Safety

License No. 37-12808-02
Docket No. 030-14689
Control No. 124627

Enclosure:
Amendment No. 13

DOCUMENT NAME: R:\WPS\MLTR\L3712808.02

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	Weidner <i>hw</i>						
DATE	06/04/97		06/ /97		06/ /97		06/ /97

OFFICIAL RECORD COPY



Community General
Osteopathic Hospital

File Send

FAX TRANSMITTAL SHEET

DATE:

6-9-97

TO:

NRC

ATTN:

Tara Weidner

FROM:

Da-DeShong

OF PAGES INCLUDING COVER SHEET:

2

COMMENTS:

Sorry for incorrect
form 1st time. Here
is the wipe test layout
Please contact me if still
isn't what you need. Thank you

IF YOU HAVE ANY PROBLEM RECEIVING THE ABOVE TRANSMISSION,

PLEASE CALL:

(717) 657-7196

"FAX: (717) 657-7584

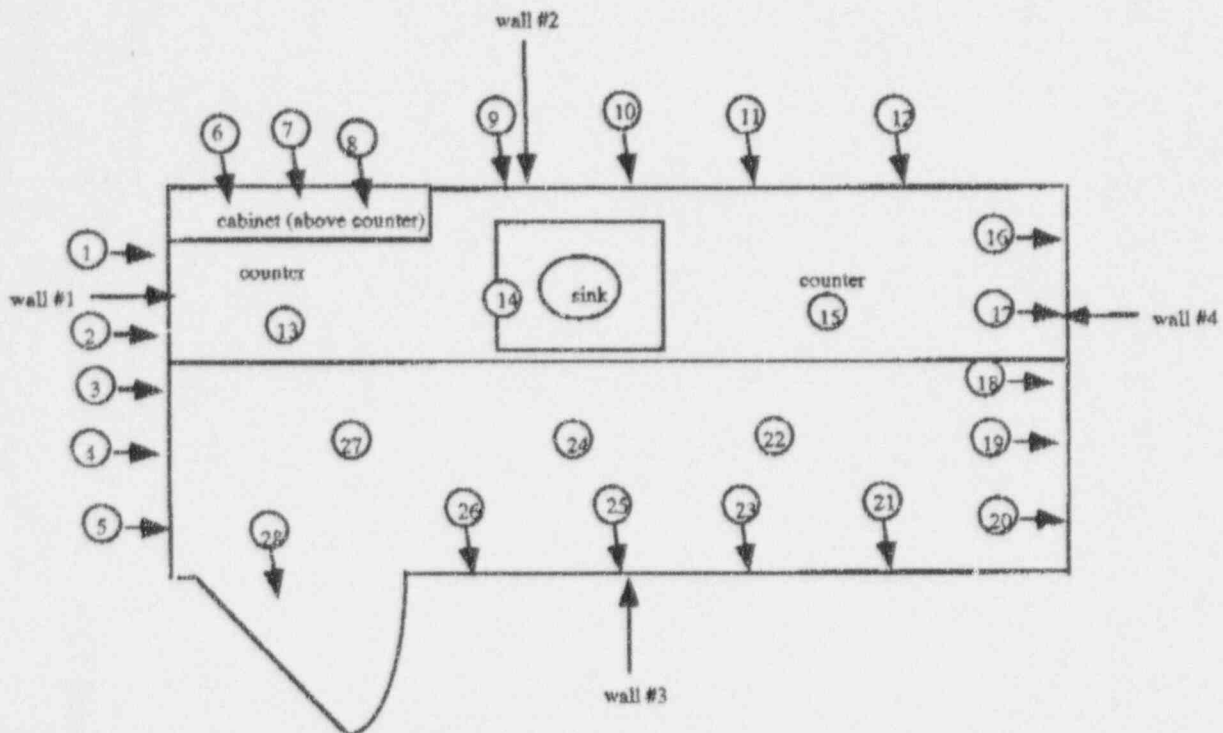
4300 Londonderry Road • P.O. Box 3000 • Harrisburg, PA 17105 • Telephone (717) 652-3000

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ML 10

FAX REC'D

124627
JUN 9 1997



Closeout survey for Community General Osteopathic Hospital
April 16, 1997

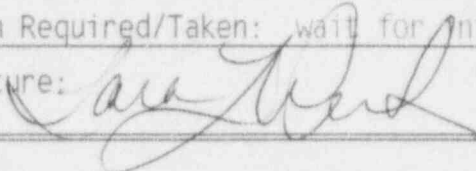
Wipe results in dpm; wipes counted on a recently calibrated Capintec Caprac with an efficiency of 90% for Tc-99m.

1. 62	11. 51	21. 61
2. 66	12. 54	22. 63
3. 58	13. 59	23. 68
4. 55	14. 63	24. 76
5. 67	15. 65	25. 59
6. 60	16. 67	26. 70
7. 74	17. 59	27. 63
8. 72	18. 60	28. 64
9. 66	19. 64	
10. 59	20. 56	

Area monitoring was performed at all wipe test sites with a recently calibrated Eberline E-120 survey meter. Bkg= 0.04 mR/hr

All readings were 0.04 mR/hr

The data was gathered by Kelley Calaman, CNMT and Dancien Gehers, CNMT
This report was prepared by Mark T. Perna, M.S., DABR, Certified Medical Physicist

TELEPHONE CONVERSATION RECORD	Date: 6-4-97	Time: 11:00
Mail Control No.: 124627	License No.: 37-12808-02	Docket No.: 030-14689
Person Called: Brian Harris	Licensee: Comm. Gen. Osteo. Harrisburg	Telephone Number: 717- 652-3000
Person Calling: Tara Weidner 337-5272		
Subject: Hot Lab renovations		
Summary: sending a copy of the results of the closeout survey		
Action Required/Taken: wait for info		
Signature: 	Date: 6-4-97	

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ML 10



Community General
Osteopathic Hospital

May 22, 1997

George R. Strohl, Jr.
President

030-14639

U.S. Nuclear Regulatory Commission
Materials Licensing Branch
Region I
475 Allendale Road
King of Prussia, PA 19406

RE: Close Out Survey for Old Hot Lab
Radioactive Material License No. 37-12808-02
Community General Osteopathic Hospital

Gentlemen:

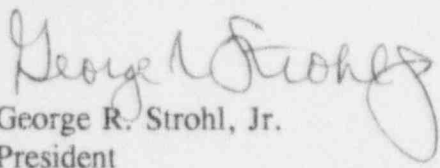
On April 16, 1997, we performed a close-out survey of our old hot lab.

Numerous wipes were taken on all four walls, the cabinet area, counter and floor. The wipes were counted on a Capintec Caprac (efficiency: >90%, MDA <200dpm). All wipes were background.

An ambient radiation area survey was performed at the same locations that wipes were taken using an Eberline E-210 GM survey meter. All readings were background.

Following the survey we cleared the area for renovation.

Sincerely,


George R. Strohl, Jr.
President

124627

JUN - 2 1997

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ML 10

CONTINUATION OF 123325

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02120
Status Code: 0
Fee Category: 7C
Exp. Date: 20021231
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: COMMUNITY GEN. OSTEOPATHIC HOSPITAL
Received Date: 970602
Docket No: 3014689
Control No.: 124627
License No.: 37-12808-02
Action Type: Amendment

2. FEE ATTACHED

Amount:
Check No.:

3. COMMENTS

CONTINUATION OF 123325.

Signed M. a. Larkin
Date 6/3/97

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered ☒)

1. Fee Category and Amount: 7C

FEE NOT REQUIRED

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

Amendment ✓
Renewal
License

3. OTHER

Signed Rita Messier
Date 6/3/97

RECEIVED BY LFMS	
Date	<u>6/4/97</u>
Log	<u>Jun 5 I</u>
By	<u>RLM</u>
Date Completed	<u>6/5/97</u>