



Community Healthcare System

ST. CATHERINE Hospital

March 12, 2019

Materials Licensing Branch
USNRC Region III
2443 Warrenville Road
Lisle, IL 60532-4351

Re: 13-01148-01 License Amendment for St. Catherine Hospital

Dear Sir:

Attached is a letter from Stan Huber consultants describing the work done to survey and close out the Cyberknife Hot Lab on January 30, 2019.

The surveys performed demonstrate that all of the areas represented on the diagrams are at background levels for fixed and removable contamination. The data provided is presented in a format that will meet the requirements of the NRC for the release of areas for unrestricted use.

If you have any questions about our process, please contact Santosh Kar at 219-703-1742 or at skkar@comhs.org. Thank you for your attention in this matter.

Sincerely,

Jacqueline Katz, RT MBA

Director of Medical Physics
Community Healthcare System

St. Catherine Hospital Department of Medical Physics and Cyberknife
4321 Fir Street East Chicago, IN 46312

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February 15, 2019

Roberto Gonzalez
Director of Radiology
St. Catherine Hospital, Inc.
4321 Fir Street
East Chicago, IN 46312

Dear Mr. Gonzalez:

The following is a summary of the closeout survey of the Cyberknife Hot Lab, conducted by Jeremy Kieser of SAHCI on January 30, 2019:

The St. Catherine Cyberknife Hot Lab is a small 6-foot by 6-foot room consisting of a bench with a shielded storage area and two shelves. The lab had contained quality control sealed sources in the past; the radioactive sources have since been removed.

The survey included measuring the lab for gamma exposure using a Ludlum 19 Micro-R-Meter and collecting wipes to measure for removable activity on a Cobra II Gamma Counter.

Please refer to the survey data below and lab diagram on the following page. The survey ID numbers reference the location numbers on the lab diagram.

Survey Instrument: Ludlum Model 19 Micro R Meter, SN:151658

Removable Activity Measured on: PerkinElmer Cobra II Gamma Counter Model D5003, SN: 406282

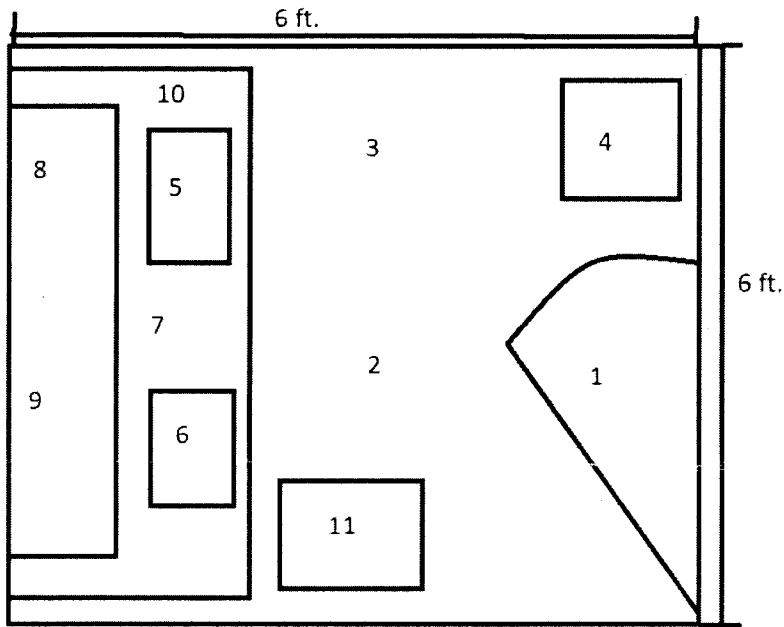
Ludlum 19 Background: 10 μ R/hr

Cobra II Gamma Counter Background: 104 cpm

Survey Data: (please use the ID numbers to refer to the diagram locations in the table on the next page):

Location Name:	ID	Measured Exposure (μ R/hr)	Removable Activity (cpm):	Removable Activity (dpm):
Floor/Door	1	10	5	156.67
Floor	2	12	0	<137.94
Floor	3	10	1	141.69
Trash can	4	10	0	<137.94
Shielded storage area	5	10	0	<137.94
Box of files	6	10	9	171.65
Bench	7	10	0	<137.94
Lower shelf above bench	8	10	0	<137.94
Upper shelf above bench	9	10	0	<137.94
Bench	10	10	0	<137.94
Two small wheeled carts	11	10	0	<137.94

Hotlab Diagram:



SAHCI appreciates the opportunity to continue providing health physics consulting services to St. Catherine Hospital. Please contact the SAHCI office at (800) 383-0468 with any questions or if assistance is needed.

Sincerely,
Stan A. Huber Consultants, Inc.

Jeremy Kieser
Health Physics Consultant

Medical Physics
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Radiation Oncology
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Munster, IN 46321

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