



Radiation Safety Office

May 17, 2005

Chris Hott
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

L-6
MS-16

VIA FACSIMILE: 610-337-5393

Mail Control Number 136796


Dear Mr. Hott:

Per our telephone conversation yesterday, the rooms on the 14th floor of Wills Eye Hospital which may be used for treatment of patients with eye plaques are any of exam rooms 1 – 11. These procedures involve treatments for a few hours per day over several days and are fairly uncommon (a few per year).

Also, Bobs 210/211 was the former Hahnemann University Hospital Radiation Oncology brachytherapy source storage room. A closeout survey of this room was performed when the brachytherapy sources were relocated. The results of the survey are attached.

If you have any questions or if you need any additional information, please feel free to contact me.

Sincerely,



Kent Lambert, M.S., CHP
Radiation Safety Officer

Closeout Survey Report

Building & Room No.: Bobst 210/211	Department: Radiation Oncology
Contact Person: Kent Lambert, RSO	Phone Number and Address: 762-4050
Surveyor: Edward Yeager & Kendall Berry, M.S.P.H.	Survey Date: 7/24/02 and 7/29/02

Completed	Not Completed	Not Applicable	Closeout Checklist
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radioactive material removed. Cabinets, freezers, refrigerators, drawers, etc. checked.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Thorough contamination survey performed for fixed and removable contamination throughout facility, including workbenches, floors, remaining equipment, glassware, pigs, refrigerators, freezers, etc.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contaminated items decontaminated or disposed as radioactive waste
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Radioactive waste removed.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Radiation labels removed/obliterated from radioactive material containers, pigs, etc.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radiation warning signs removed from doors, hoods, work areas, equipment, etc.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Radioactive sources removed from equipment such as gamma and /or beta counters
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Department notified

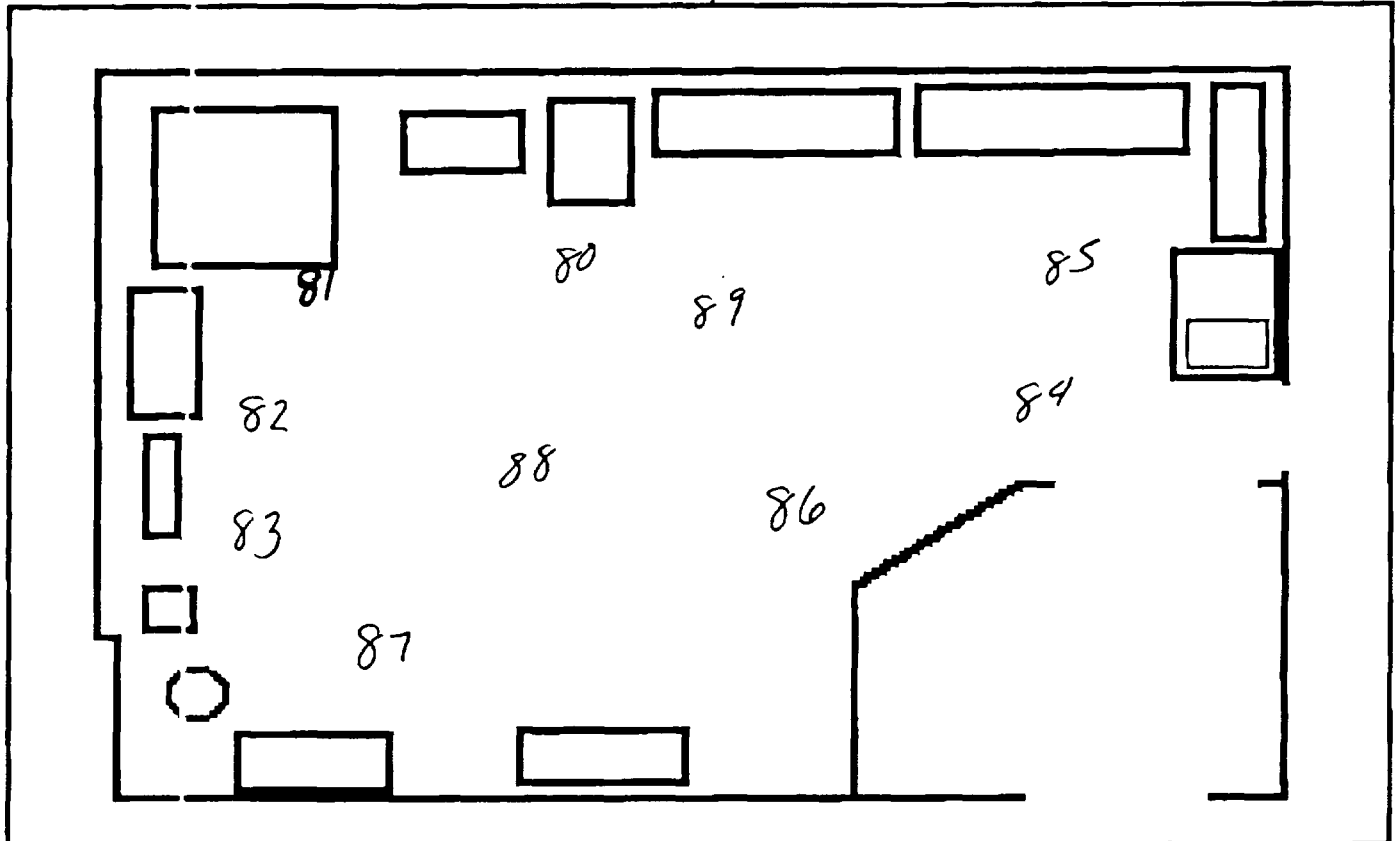
Closeout Contamination Survey Results Summary

- No contamination above 200 dpm/100 cm²
- Contamination above 200 dpm/100 cm²

- No radiation levels above background found
- Radiation levels above background found

Contamination Survey Results

Floor plan



Survey meter used: Mfg & model: Ludlum M3Serial No.: 44857Date of Calibration: 6/14/02

Survey meter locations	Survey meter reading (mR/hr)
BKG	0.02
Through readings taken throughout the laboratory (including floors, shelves, cabinets, etc.)	less than or equal to background, 0.02 mR/hr

Survey notes/comments:

The room had been completely cleaned out prior to the closeout survey. All shelving, brachytherapy sources and source storage was relocated. The floor (7/24/02) and the exhaust duct (7/29/02) were swipe tested.

MCP Hahnemann University Radiation Safety Office
Wipe Test Results

Date Counted	<u>7/24/2002</u>
Counter Used	<u>Gamma</u>
Efficiency %	<u>50</u>
Efficiency	<u>0.5</u>
LLD	<u>412</u>
Count Time (min)	<u>2</u>

Wipe Number	CPM	net cpm (total cpm for background)	dpm	total area wiped (x100cm ²)	dpm/100cm ²
Background	7830	7830	NA	NA	NA
80	7851	21	42	1	42
81	7862	32	64	1	64
82	7707	0	0	1	0
83	7751	0	0	1	0
84	7759	0	0	1	0
85	7737	0	0	1	0
86	7795	0	0	1	0
87	7686	0	0	1	0
88	7864	34	68	1	68
89	7850	20	40	1	40
*undocumented 1	7954	124	248	1	248
undocumented 2	7761	0	0	1	0
*recount of undocumented 1	7703	0	0	1	0

** Initial results suspect. Swipe recounted immediately after run finished.
Upon recounting, no contamination was indicated.*

MCP Hahnemann University Radiation Safety Office
Wipe Test Results

Date Counted 7/29/2002
 Counter Used Gamma
 Efficiency % 50
 Efficiency 0.5
 LLD 154
 Count Time (min) 2

Wipe Number	CPM	net cpm (total cpm for background)	dpm	total area wiped (x100cm ²)	dpm/100cm ²
Background	1093	1093	NA	NA	NA
duct swipe #1	1069	0	0	1	0
duct swipe #2	1091	0	0	1	0