

 **Research** MEDICAL CENTER
HCA *Midwest* HEALTH SYSTEM*

5 September 2013

U. S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
2443 Warrensville Road, Suite 210
Lisle, Illinois 60532-4352

Re: Docket number 030-13959
License number 24-18625-01
Control number 581119

Authorized users for Y-90 as TheraSpheres.

As a result of the telephone conversation with Colleen Carol Casey pointing out that Jay Robinow, M. D., and John Sheldon, M. D. were already approved for TheraSpheres, we wish to withdraw Item 2 of our letter dated 17 June 2013, asking that the above doctors and David Shaeffer, M. D. be licensed for Y-90 TheraSpheres at this time.

We reserve the right to request the licensing of Dr. Shaeffer at some future time.

Should you need any further information, please feel free to contact us at (816) 276-4449.

Sincerely,



Stephen T. Slack, Ph. D.
Radiation Safety Officer

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Additional information concerning decommissioning of the area that has been used for storage of brachytherapy sources by Radiation Oncology.

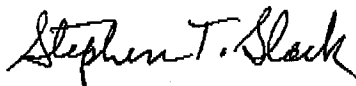
In response to the request for additional information by Colleen Carol Casey, we have performed a survey to assess possible beta contamination in the area. It is attached.

The Capintec Captus 3000 well counter was calibrated 11 February 2013.

The Ludlum Model 3 GM counter with Model CE probe was calibrated 17 January 2013.

Should you need any further information, please feel free to contact us at (816) 276-4449.

Sincerely,



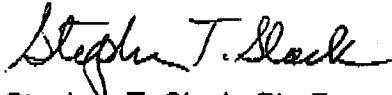
Stephen T. Slack, Ph. D.
Radiation Safety Officer

attachments

applied to the gross counts per minute, was use to determine any difference from background. In the results section, LDL indicates that the count was less than or equal to the decision limit.

Summary of results

No detectable activity was found with the survey meter. All wipe test samples were below the decision limit for counts.



Stephen T. Slack, Ph. D.,
Radiation Safety Officer

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Counting Results

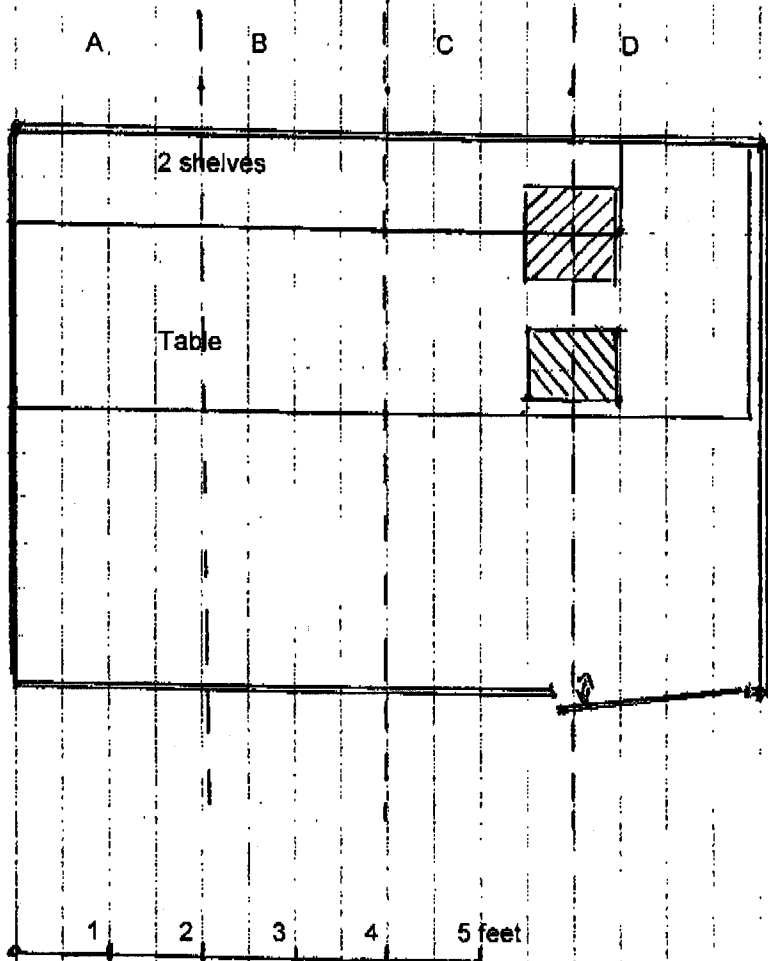
Survey of 9/5/13

| Sample | G M Survey | | Wipe Test | |
|----------------|--------------|------------|-----------|--|
| | gross cpm | net dpm | cpm | net dpm per 100 cm ² dpm ref |
| Efficiency | 0.4 | | 0.2 | |
| MDA | | | 186 dpm | |
| Decision Limit | | | 72 cpm | |
| Background | 300 | | 55 | ref |
| A 2 | 200 | nda | 55 | LDL |
| A 3 | 300 | nda | 55 | LDL |
| A 4 | 300 | nda | 61 | LDL |
| B 2 | 300 | nda | 52 | LDL |
| B 3 | 200 | nda | 47 | LDL |
| B 4 | 200 | nda | 56 | LDL |
| C 2 | 300 | nda | 62 | LDL |
| C 3 | 300 | nda | 39 | LDL |
| C 4 | 200 | nda | 41 | LDL |
| D 2 | 300 | nda | 43 | LDL |
| D 3 | 300 | nda | 52 | LDL |
| D 4 | 300 | nda | 56 | LDL |

nda = no detectable activity

LDL = Less than decision limit

Room from Above

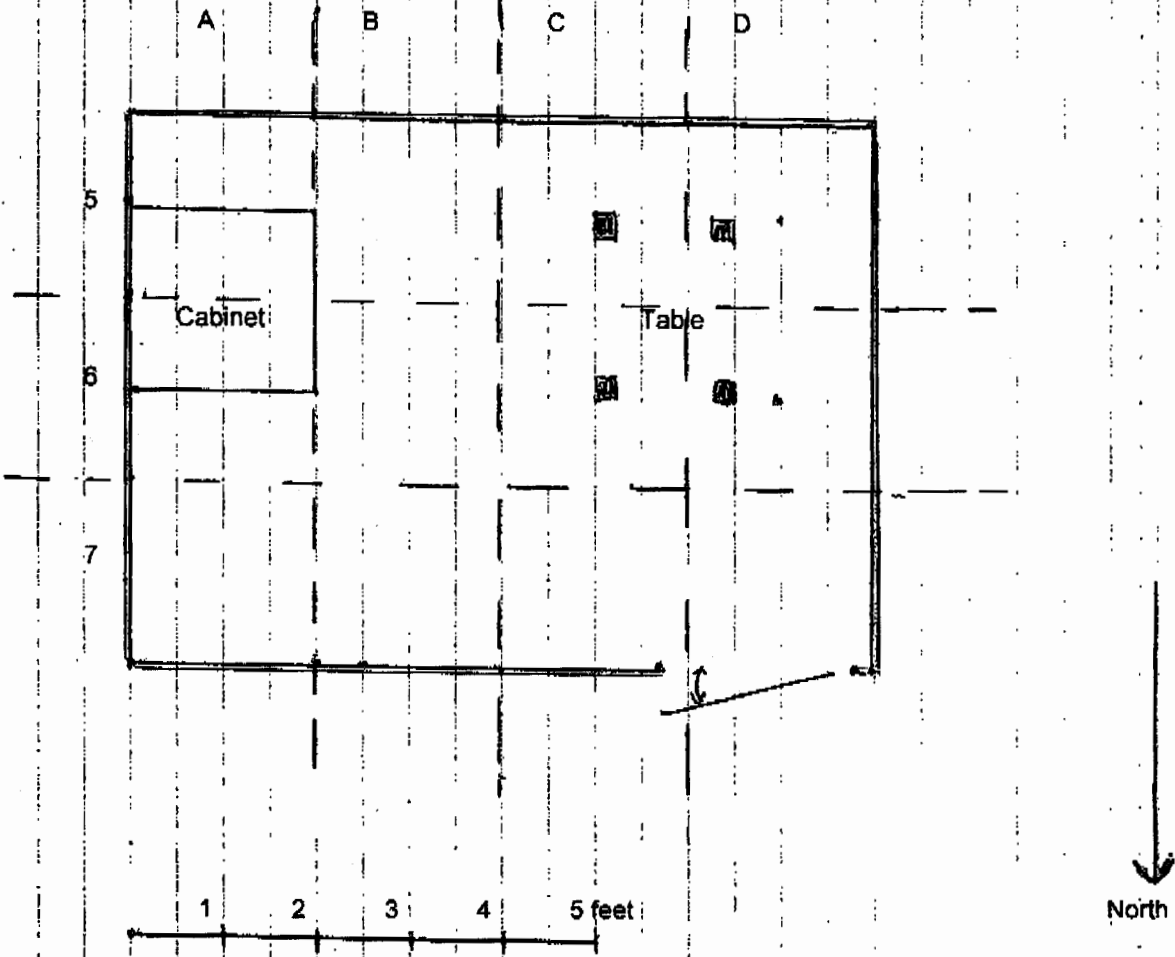


Safe

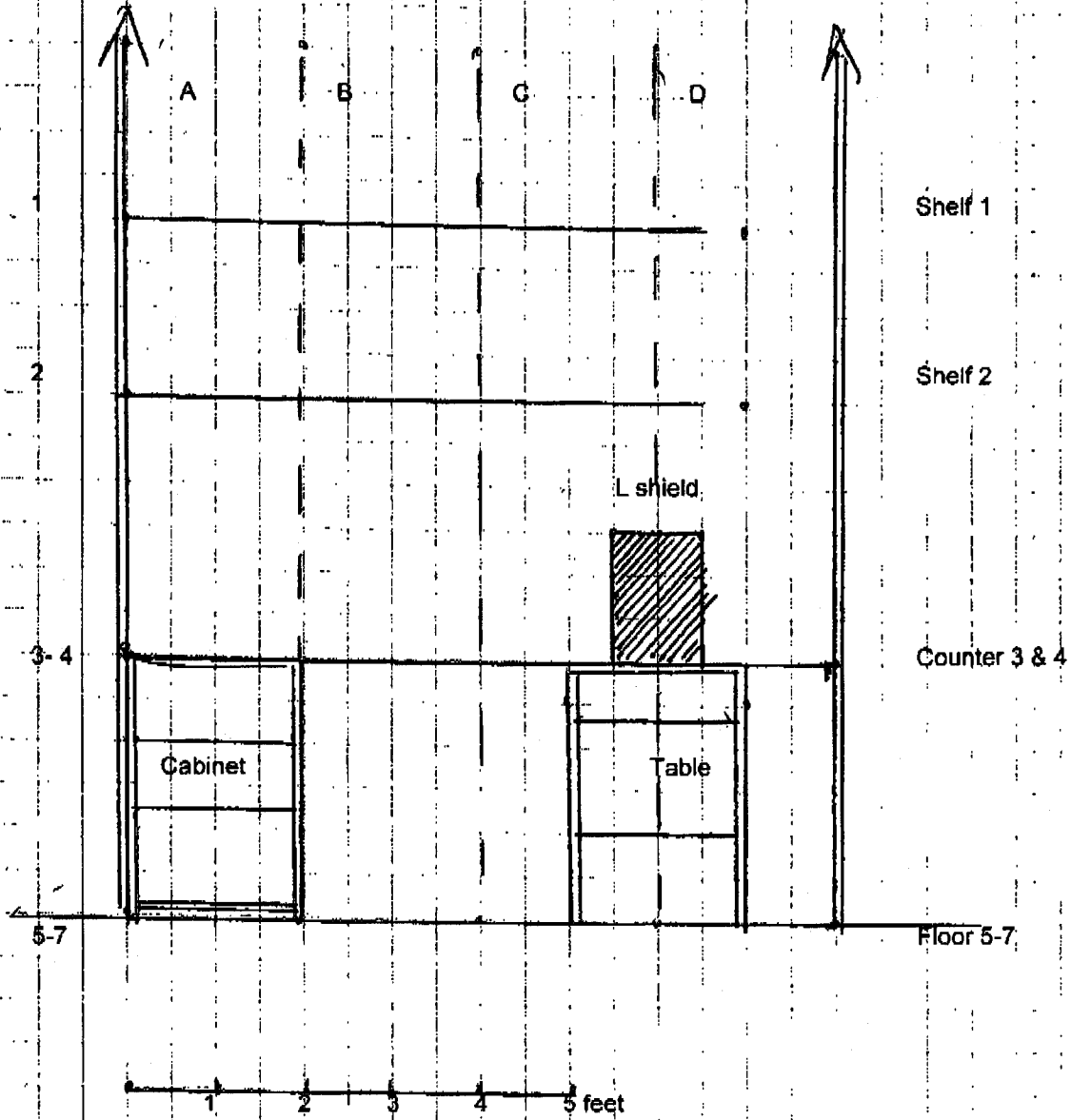
L-shield

North

Floor Level



Elevation



Research Medical Center

2316 East Meyer Boulevard

Kansas City, MO 64182

Telephone # 816-276-4449

Fax # 816-276-8478

To Colleen Carol Casey From Stephen T. Slack, Ph. D., RSO

Company USNRC Date

Fax Number (630) 515-1078 Total number of pages including cover sheet 9

Phone Number (630) 829-9841

RE

Notes/Comments

Answers/replies/additional data

Docket # 030-13959

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