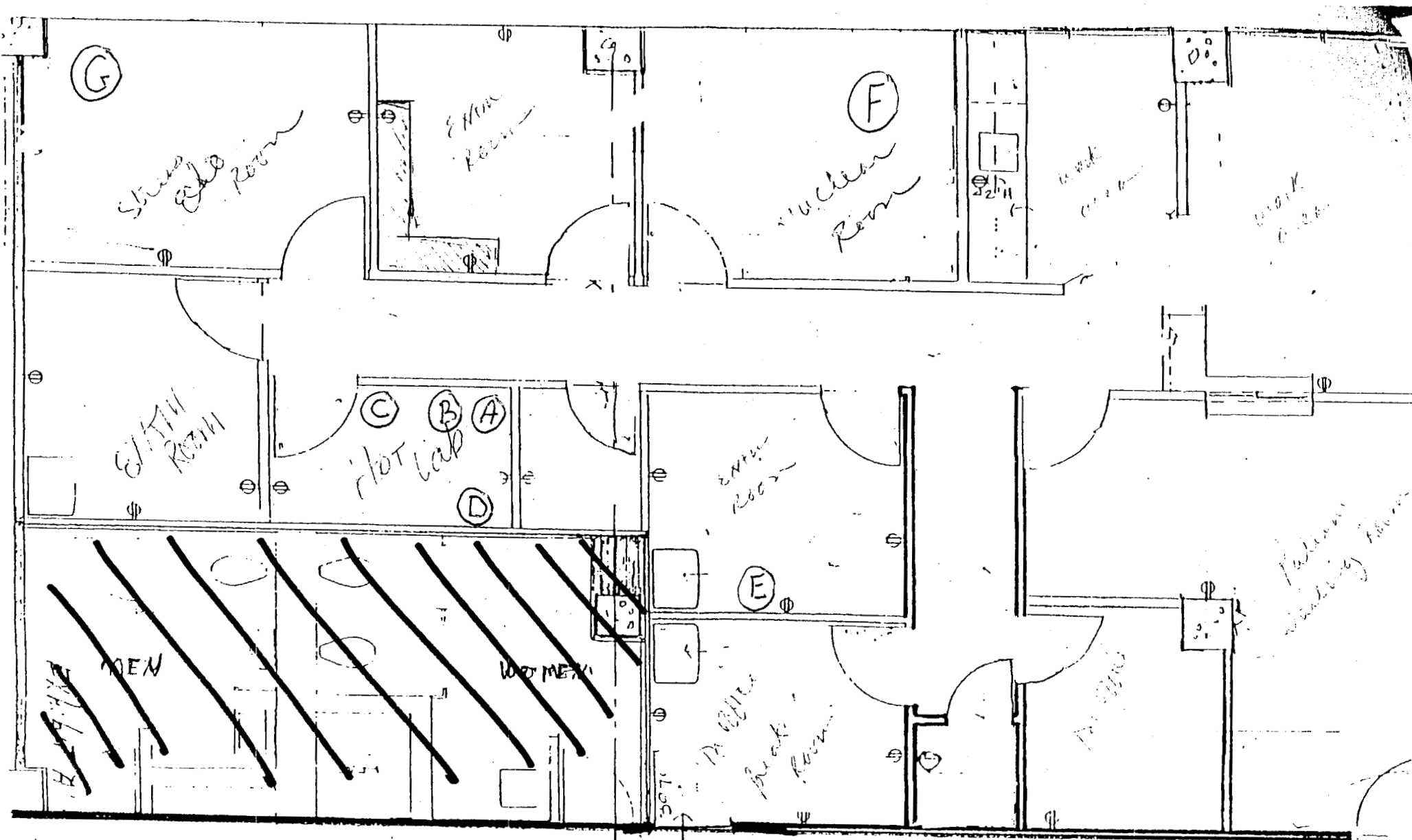


CLOSE OUT
WEEKLY SURVEY MAP



Additional Info
Control

305916

MOB-North
suite # 790

RECEIVED MAY 30 2007

WEEKLY SURVEY RECORD

YEAR: 2007

Monitor your clothing and shoes and all the other areas in the table below prior to leaving the department at the end of the day. Use a low level GM survey meter and record the readings in mr/hr below. If radiation contamination is detected in any of the surveys, remonitor after decontamination.

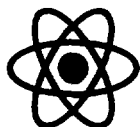
NATURAL BACKGROUND RADIATION LEVEL IS: 0.02 mr/hr

A. GM Make: Ludlum Model: 14C Sr. #: 192035 Cal. Date: 12-6-06
B. GM Make: Model: Sr. #: Cal. Date:

Results below in mr/hr

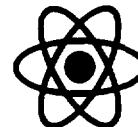
[illegible]

Close Out Survey Performed By
Michael Jones CNMT 5/25/07



Radiation Protection Services, Ltd.

Serving Radiology, Nuclear Medicine, Therapy and Industry



1405 Stevenson Drive-Suite 11
Springfield, Illinois 62703

Phone: (217) 786-3839
Fax: (217) 786-3110

INSTRUMENT CALIBRATION CERTIFICATE

Facility: Midwest Cardiovascular Center

Date Performed: Dec. 06, 2006

Address: Bridgeton, Missouri

Instrument Information

Mfr.: Ludlum

Model #: 14 C

Serial #: 192035

Probe Information

Mfr.: Ludlum

Type: Open-End G.M.

Model #: 44-9

Serial #: 198039

Calibration Data

Scale	Distance cm	Radiation Level mR/Hr.	Meter Readings mR/Hr.	Correction Factor	Distance cm	Radiation Level mR/Hr.	Meter Readings mR/Hr.	Correction Factor
X 0.1	122	0.05	0.05	N/A	140	0.15	0.15	N/A
X 1	122	0.5	0.5	N/A	140	1.5	1.6	N/A
X 10	122	5.0	5.2	N/A	140	15	15	N/A
X 100	38.5	50	50	N/A	14.5	140	140	N/A
X 1000	27.2	400	400	N/A	14.5	1400	1350	N/A

NBS Source Used:

Cs¹³⁷ 145.7 mCi as of 02/19/87

Present Activity:

92.3

mCi as of:

12/06/06

Check Source Reading

0.7

mR/hr.

Check Source Nuclide

Instrument

Distance

Contact - Cap Off

Maintenance:

Batteries Tested:



Yes



No

Batteries Replaced:



Yes



No

Contacts Cleaned:



Yes



No

Comments

X

Meets current N.R.C./State standards.

Does not meet current N.R.C./State standards (see comments).

Recalibration Due:

Nov. 30, 2007

Performed By:

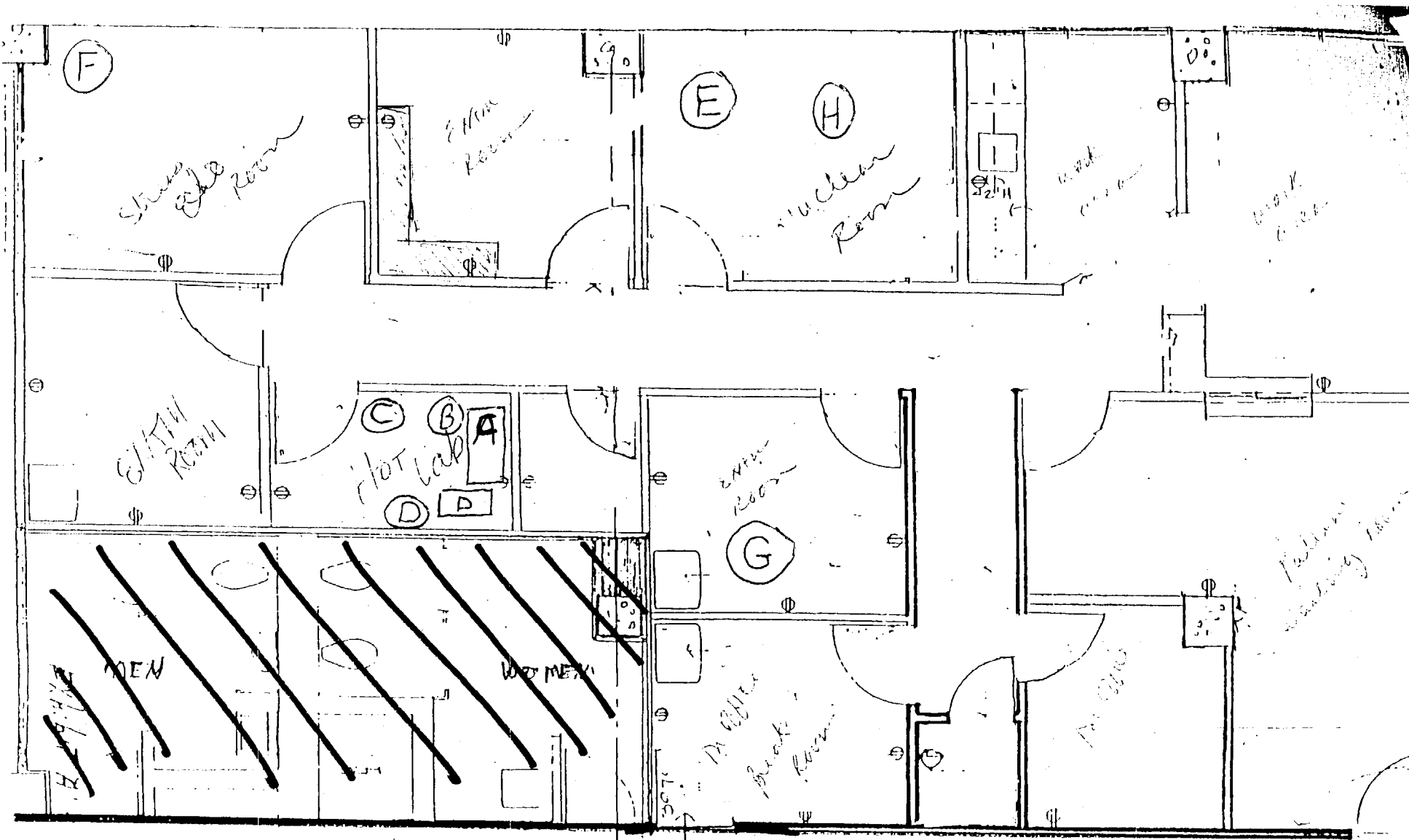
Maury Neuweg

Radiation Physicist

Test performed under License # IL-01799-01

Facility R.S.O.:

CLOSE OUT
WEEKLY WIPE MAP



<u>Additional Info</u>	<u>Control #</u>	<u>Attch</u>

315816

MOB-North
suite # 790

Close Out wipe

INSTRUMENT USED:

B. Make: _____: Model: _____ SR#: _____

[illegible]

Final wire Result 5/22/07

CORRECTION FACTOR (C.F.) = $\frac{1}{0.878}$ 1.14 To Convert CPM to DPM



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD STE 210
LISLE, ILLINOIS 60532-4352
JAN 30 2007

Ardaman Nanda, M.D.
Radiation Safety Officer
Midwest Cardiovascular Consultants, Inc.
12255 DePaul Drive
Suite 790
Bridgeton, MO 63044

Dear Dr. Nanda:

Enclosed is Amendment No. 01 to your NRC Material License No. 24-32451-01 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note that we have reformatted Subitem No. 7.B. at this time to remove all references to excluded authorizations, including generators, aerosols and xenon-133.

Please be reminded, however, that you are still bound by the restrictions imposed by the excluded authorizations contained in documents incorporated into your license in Condition No. 15 of your license.

I also corrected the spelling of your name as it appears in Condition Nos. 11 and 12 of the license.

Your letter dated November 8, 2006, appears to indicate that you intend to allow the release of your location of use at 12255 DePaul Drive, Bridgeton, Missouri for unrestricted use after an NRC inspector reviews your closeout survey. This would be contrary to 10 CFR 35.13(f) and has been excluded from Condition No. 15.B. of your license.

In order to comply with 10 CFR 35.13(f), we cannot authorize you to release your former location of use at 12255 DePaul Drive, Bridgeton, Missouri for unrestricted use (even by other members of your staff) until we have received and reviewed a copy of the results of your close-out survey.

The survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, and contamination checks of areas where radioactive materials were used or stored. Average radiation levels associated with surface contamination and removable contamination should not exceed those specified in the enclosed decontamination guide. Please submit the following information with your close-out survey:

- a. A diagram of the facility with actual dose rate survey measurements and wipe test results keyed to specific locations.

- b. The name of the person performing the survey.
- c. The date the survey was performed.
- d. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
- e. Background readings and each instruments' efficiency or correction factor, including the radionuclides used as standards to determine instrument efficiency/correction factors (should be of sufficient energy ranges to capture all radionuclides used over the course of licensed activities.)
- f. The action level for each instrument used and whether the action levels were exceeded for both the wipe test results and the dose rate survey measurements.
- g. The date(s) that the survey instruments were last calibrated.

When submitting the revised close-out survey, please reference it as additional information to Control No. 315816 and submit it to my attention. We will then continue our review.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability.

The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions.

A. Nanda

3

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

A handwritten signature in cursive script, reading "Colleen Carol Casey".

Colleen Carol Casey
Materials Licensing Branch

License No. 24-32451-01
Docket No. 030-36260

Enclosure:

Amendment No. 01

Ardamen Nanda
RSD Midwest Cardiovascular
12255 DePaul Dr.
Suite 790
Bridgeport, MO 63044



United States NRC

Region III

2443 Warrenville Rd

Suite 210

Lisle, IL 60532-4352

