



**FOOTE
HOSPITAL**

205 N. East Avenue / Jackson, Michigan 49201
(517) 788-4800

06/01/2007

United States Nuclear Regulatory Commission
Region III, Materials Licensing
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: Please expedite close out of area

Dear Sir/Madam:

A close-out survey was performed on May 25, 2007 of our previous location at our current address and is enclosed for your review. **We are asking you to expedite this close-out so we may release this area of the hospital for renovation as soon as possible.**

The last date of receipt and use of radioactive material in this location was May 22, 2007 for Tc-99m.

A current copy of the leak test results for the sealed sources used at our facility is enclosed for your review.

We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

Please contact our physics consultant, Laura Luna of Medical Physics Consultants, Inc. at 734-662-3197, if you have any questions concerning these requests. Thank you again for your cooperation.

Thank you for your cooperation. If you have any questions or require additional information, please contact our physics consultant, Laura Luna at 734-662-3197.

Respectfully Yours,

Terry Keys

Executive Director of Neuro Muscular Skeletal Services

RECEIVED JUN 06 2007

Close-out Survey

Date performed: May 25, 2007

Performed by: Randy Bardwell, RSO

Comments: Sealed sources and radioactive trash were transferred to our new area prior to performing the close-out survey.

Instruments

Wipe tests analyzed with a Captus 3000 (full spectrum) Well Counter
SN# 900465.

Instrument: Well Counter

Radionuclide:	<u>Cs-137</u>	MDA for Cs-137:	167 dpm
Date completed:	<u>04/30/07</u>	Conversion factor:	8.29 <u>cpm / dpm</u>

Area survey performed with the following survey meter:

Manufacturer:	Ludlum	
Type:	GM	
Model Number:	Model 14C	
Serial Number:	19139	
Probe Model:	End Window	
Annual Calibration Due:	06-27-07	
Battery check acceptable:		YES
Operational check acceptable:		YES
Current reading:		1.1 mR/hr

History of Radionuclides Used

Unsealed

Tc-99m last use 05/22/07, Tl-201 last use 2001, I-131 last use 05/21/07, I-123 last use 03/26/07, Ga-67 last use 01/07/07, In-111 last use 09/12/06, Xe-133 last use 05/21/07, I-123 last use 03/26/07.

Sealed

Co-57, Ba-133, and Cs-137 all last used 05/22/07

Last date of byproduct radiopharmaceutical use: 05/22/07

Close-out Survey - continued

Visual Check: The area was checked to ensure that all sealed sources and radioactive waste had been removed. No evidence of radioactive material was noted.

Sealed Source Leak Testing: No history of leaks from Sealed Sources.

Radiation Level Survey: No area within the department demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

Removable Contamination: No area within the department demonstrated removable contamination. There is no history of any spills of long-lived radioisotopes.

Conclusion: No radioactive materials remain in this department. No removable contamination is present.

Close Out Survey
Nuclear Medicine
Foote Hospital
5/24/2007

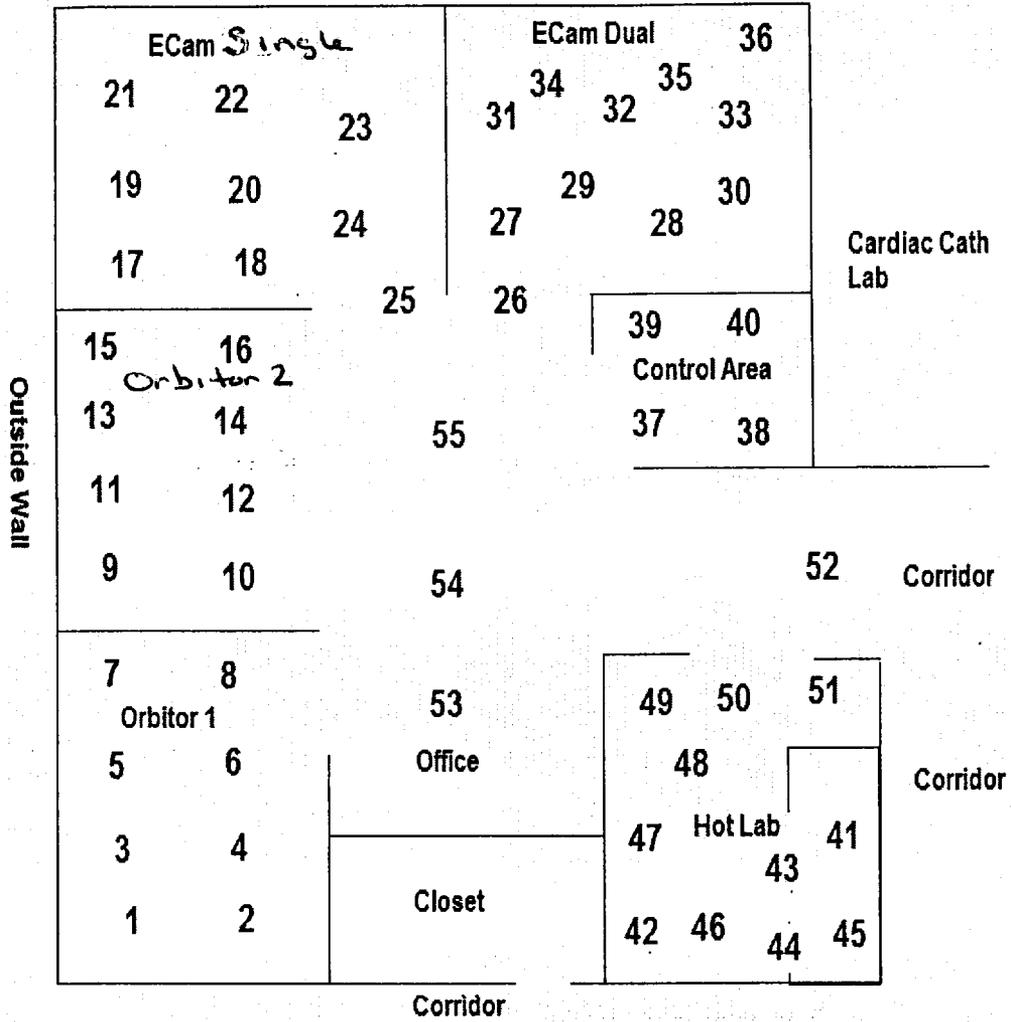
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18. ECam Single	0
19. ECam Single	0
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21. ECam Single	0
22. ECam Single	0
23. ECam Single	0
24. ECam Single	0
25. ECam Dual	0
26. ECam Dual	0
27. ECam Dual	0
28. ECam Dual	0
29. ECam Dual	0
30. ECam Dual	0
31. ECam Dual	0
32. ECam Dual	0
33. ECam Dua	0
34. ECam Dual	0
35. ECam Dual	0
36. ECam Dual	0
37. Staff Area	0
38. Staff Area	0
39. Staff Area	0
40. Staff Area	0

41. Hot Lab Counter	0
42. Storage	0
43. Storage	0
44. Storage High Ener.	0
45. Fume Hood	0
46. Hot Lab Floor	0
47. Hot Lab Floor	0
48. Hot Lab Floor	0
49. Hot Lab Floor	0
50. Hot Lab Floor	0
51. Hot Lab Floor	0
52. Depart Floor	0
53. Depart Floor	0
54. Depart Floor	0
55. Depart Floor	0

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W.A. Foote Memorial Hospital
205 North East Ave.
Jackson, MI 49201
License # 21-00258-06

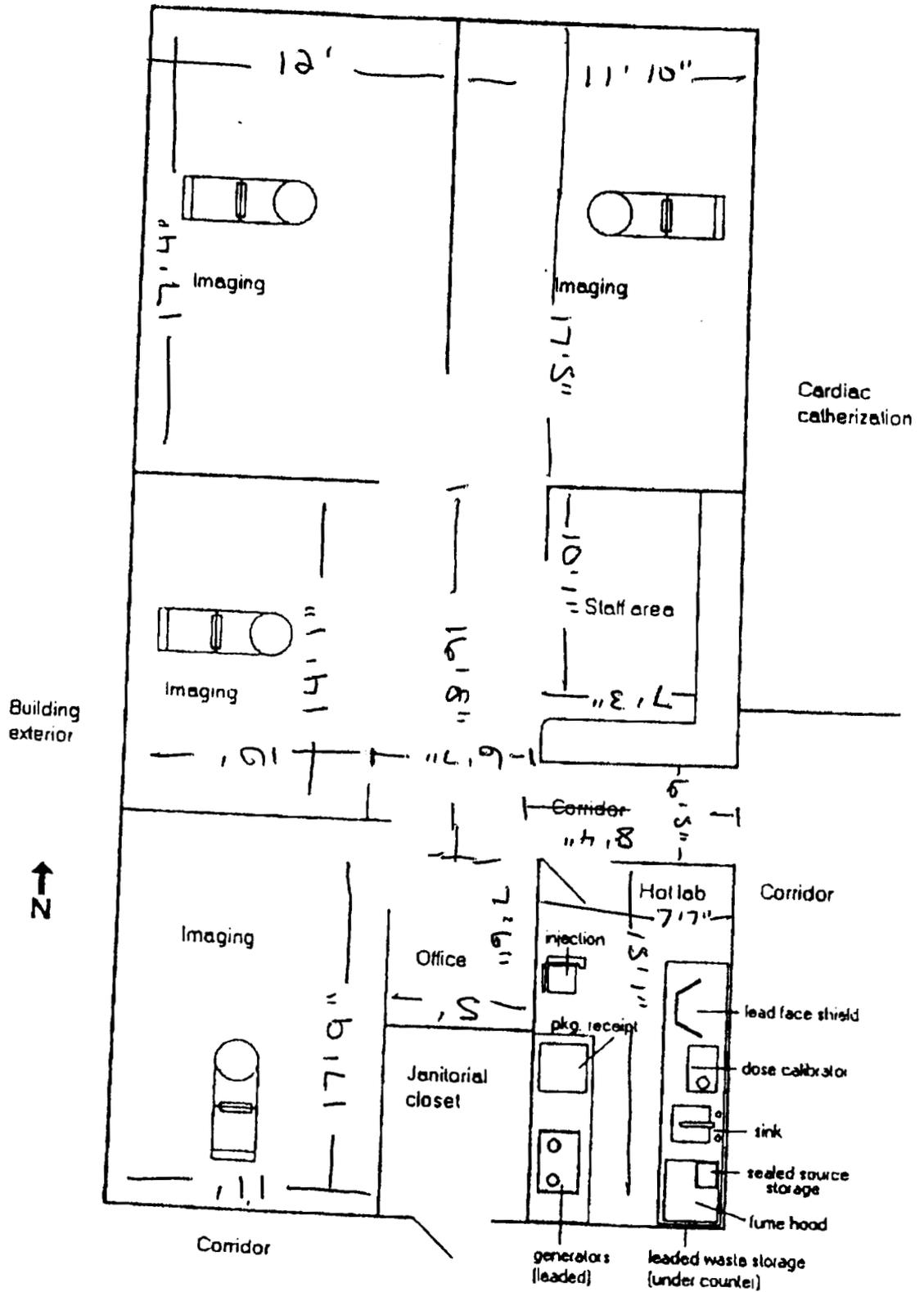
Outside Wall



room dimensions
Old Nuclear Dept.

W. A. Foote Memorial Hospital
Item 9.1

Building exterior



Medical Physics Consultants, Inc.



Licensee: Foote Memorial Hospital

Date: 03/15/07

Performed by: Laura Luna

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	244 uCi	05/08/86	Hot Lab	ICN	228715B
Co-57	Flood	10 mCi	09/01/05	Below Hood	PF24R05710M	1135-186
Co-57	Flood	10 mCi	09/01/06	Below Hood	PF24R05710M	1202-076
Ba-133	Vial	272 uCi	11/03/98	Hot Lab	NES-358	S358024030

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

Well Counter: Captus 3000

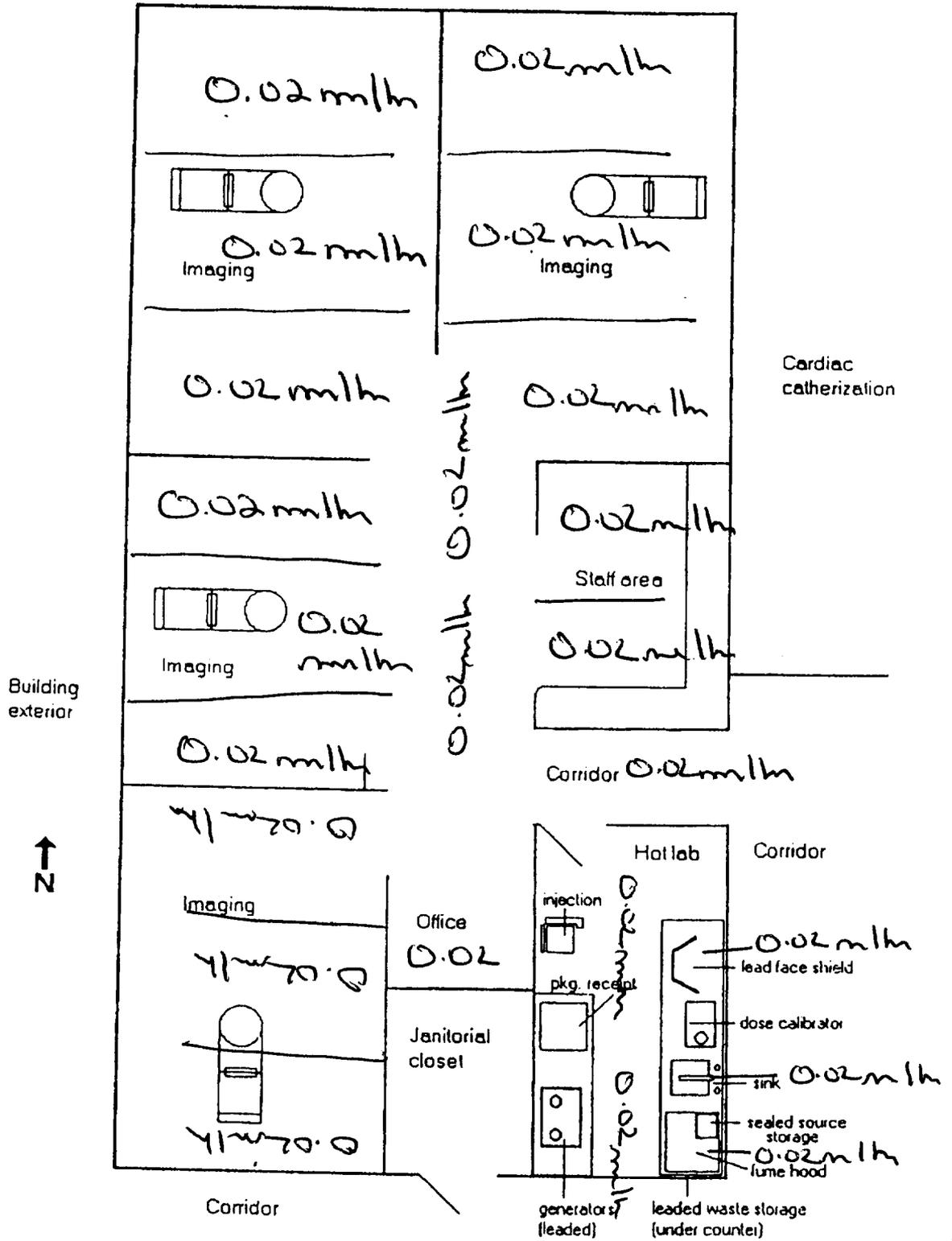
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RADIATION SAFETY OFFICER: D. Bonduke

Close Out Survey 5/24/07

W. A. Foote Memorial Hospital
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Building exterior





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Nuclear Medicine
Foote Hospital
5/24/2007

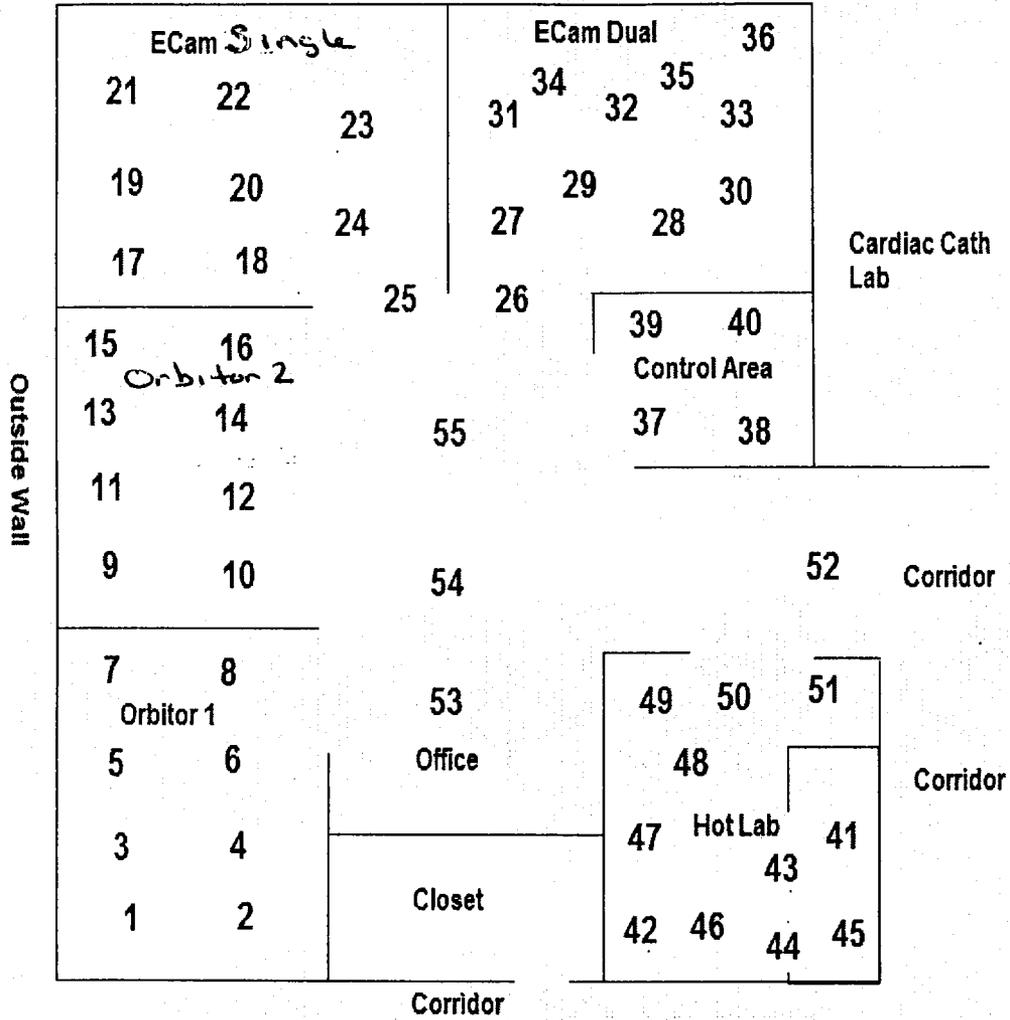
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Jackson, MI 49201
License # 21-00258-06

Outside Wall

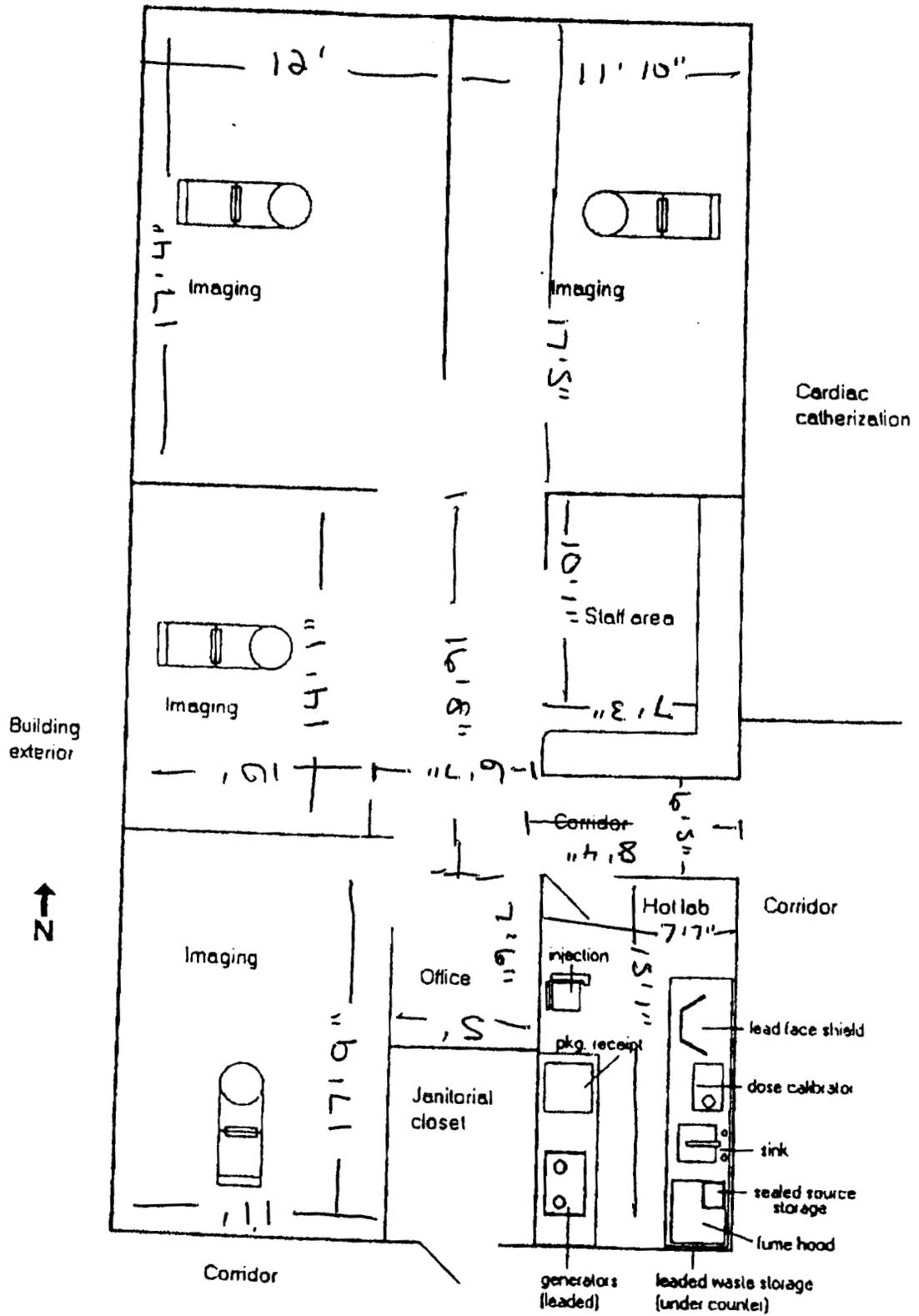


room dimensions
Old Nuclear Dept.

11

W. A. Foote Memorial Hospital
Item 9.1

Building exterior



Medical Physics Consultants, Inc.



Licensee: Foote Memorial Hospital

Date: 03/15/07

Performed by: Laura Luna

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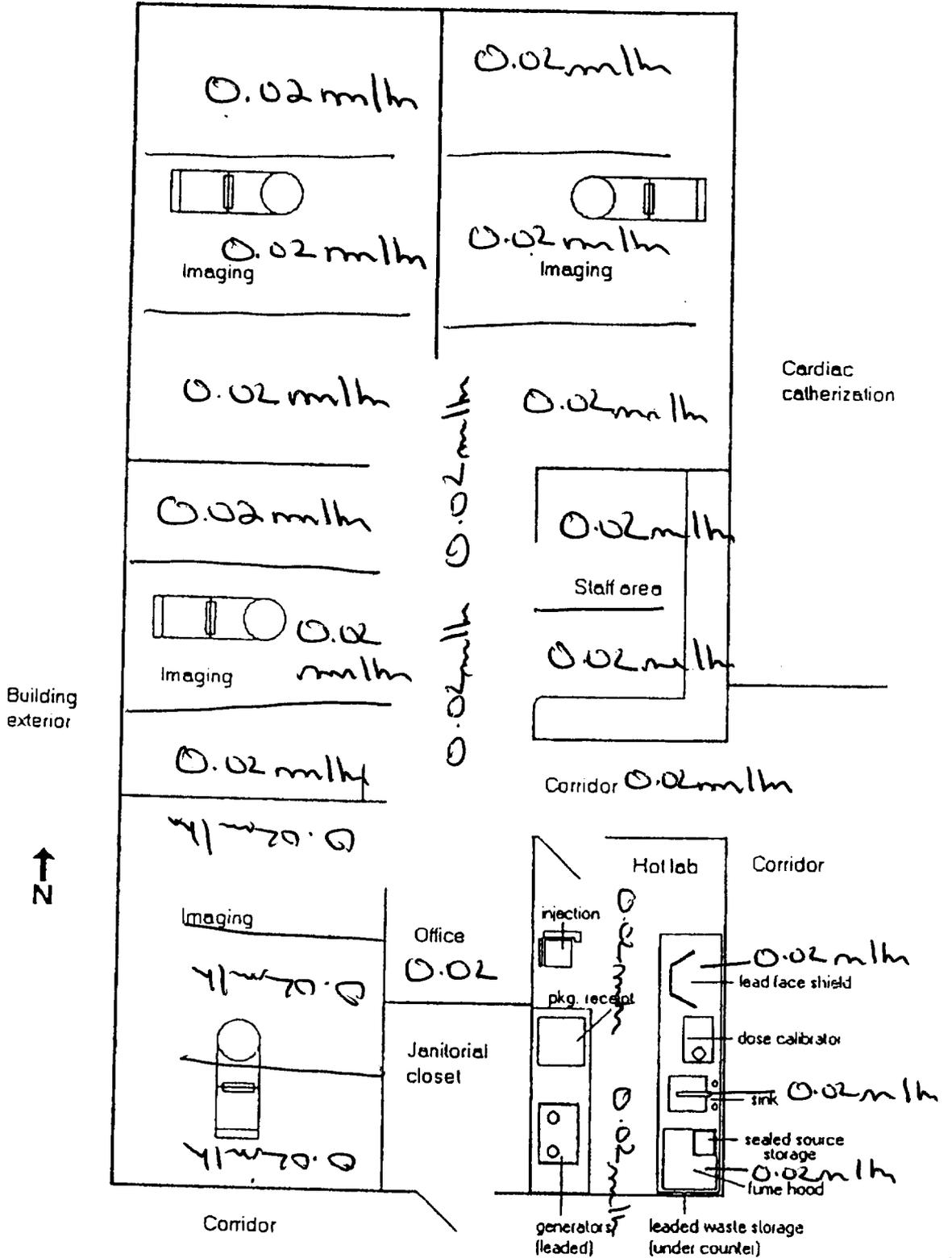
RADIATION SAFETY OFFICER: _____

D. Bandiera

Close Out Survey 5/24/07

W. A. Foote Memorial Hospital
Item 9.1

Building exterior





May 30, 2007

W.A. Foote Memorial Hospital
205 North East Avenue
Jackson, MI 49201

Dear Randy:

Please find the enclosed information required to amend your current NRC license. The following steps need to be taken for completion.

1. Review carefully and be sure all information is correct. Retype or copy cover letter onto **Facility** letterhead. You also need to include room dimensions on the enclosed diagram.
2. Executive management (VP or higher) must sign the cover letter to NRC.
3. Make two (2) copies of the cover letter, close-out survey, corresponding areas with dpm readings, diagram, and sealed source leak test.
4. Mail two (2) of the signed copies to the following address: ***Fed Ex or UPS is advised. Make sure you include the Close-out Survey, the printout with room names and dpms, and a copy of the most recent Sealed Source Leak Test.***

**UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III, Office of Materials Licensing
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352**

5. **Keep the original and file in the MPC binder under the license correspondence tab.**

If you have any questions or I may be of assistance, please contact me by phone at (734) 662-3197.

Respectfully Yours,

A handwritten signature in black ink that reads "Laura M. Luna". The signature is written in a cursive style with a large initial "L" and "M".

Laura M. Luna, B.S.
Medical Physics Consultant

2309 Shelby Avenue
Drive
Ann Arbor, MI 48103
(734) 662-9224 Fax
(734) 662-3197

70 E. 91st Street, Suite 10
Indianapolis, IN 46240
(317) 581-1931 Fax
(317) 581-1911

1780 E. Logan Avenue
Salt Lake City, UT 84108
(801) 467-8774 Office & Fax

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Beaver Dam, WI 53916
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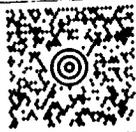
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UPS Next Day Air
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