



TELECOPY TRANSMITTAL

DATE: 9/25/09

TO: Jose Macatangay

Fax Number: 630-575-1078

FROM: Erin Bell

RE: Clarian Arnett  
Control #: 318361

COMMENTS: Please let me know if  
you need further  
information.

This transmittal consists of 3 pages (including transmittal cover sheet). Please contact me if you have any questions or problems with this transmittal.

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

70 E. 91<sup>st</sup> Street, Suite 106  
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N7375 Crystal Ridge Drive  
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(920) 885-9872 Fax  
(920) 885-9870



September 25, 2009

Jose Macatangay  
NRC Region III  
2443 Warrenville Road  
Lisle, Illinois 60532-4352

**License Number: 13-32535-02**  
**Control Number: 318361**

Dear Mr. Macatangay:

Following, please find the answers to your request for further information regarding the decommissioning of two facilities managed by Clarian Arnett Health System.

Item 1: The Gadolinium sources have been moved along with the camera in which they are installed, to the 5165 McCarty Lane, Lafayette, Indiana address on the license. Please give guidance on assuring that this location is authorized to store the sources. Enclosed, please find a copy of the most recent leak test.

Item 2: The mailing address will now be 5165 McCarty Lane, Lafayette, Indiana 47905.

Item 3: No response required.

Item 4: No response required.


Please let me know if you need further information.

Sincerely,

A handwritten signature in cursive script that reads "Erin Bell".

Erin Bell, MHP  
Medical Physics Consultants, Inc.  
(p) 877.321.2207 x 342  
(f) 317.581.1931

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**Sealed Source Leak Test**

Licensee: Clarian Arnett Hospital

Date: 06/22/09

Performed by: Erin Bell

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Co-57	flood	10 mCi	12/01/08	Hot Lab	3709AD010MN	1326-111
Current Activity: 5.949mCi						
Cs-137	vial	218 uCi	08/14/08	Hot Lab	BM06137E082241	
Current Activity: 213.74uCi						
Ba-133	vial	242.6 uCi	07/01/06	Hot Lab		1194-15-6
Current Activity: 200.19uCi						
Cs-137	vial	266.6 uCi	07/01/06	Hot Lab		1145-97-10
Current Activity: 248.88uCi						
Co-57	flood	10 mCi	12/01/08	Hot Lab	3709AD010MN	1326-121
Current Activity: 5.949mCi						
Gd-153	att src	20 mCi	02/01/09	Hot Lab		1355012A5
Current Activity: 13.356mCi						
Gd-153	att src	20 mCi	02/01/09	Hot Lab		1355012A6
Current Activity: 13.356mCi						
Gd-153	att src	20 mCi	02/01/09	Hot Lab		1355012A7
Current Activity: 13.356mCi						
Gd-153	att src	20 mCi	02/01/09	Hot Lab		1355012A8
Current Activity: 13.356mCi						
Gd-153	att src	20 mCi	08/01/08	Hot Lab		1355077A1
Current Activity: 7.886mCi						
Gd-153	att src	20 mCi	08/01/08	Hot Lab		1355077A2
Current Activity: 7.886mCi						
Gd-153	att src	20 mCi	08/01/08	Hot Lab		1355077A3
Current Activity: 7.886mCi						
Gd-153	att src	20 mCi	08/01/08	Hot Lab		1355077A4
Current Activity: 7.886mCi						

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: Ludlum 2200 Scaler

Nuclide	MDA	Background
Cs-137	$2.0 \times 10^{-4}$ uCi	145 counts/1 min
Ba-133	$8.8 \times 10^{-5}$ uCi	204 counts/1 min
Co-57	$1.7 \times 10^{-5}$ uCi	53 counts/1 min

**RADIATION SAFETY OFFICER:** \_\_\_\_\_