MPC
MEDICAL PHYSICS
CONSULTANTS, INC.

March 25, 2010

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

Re: Additional information for Control # 318749
Termination of location of use on NRC License No. 21-02802-03

Dear Mr. Macatangay

Please find the enclosed leak test results from Providence Hospital location of use at 30055 Northwestern Highway, Farmington Hills, Michigan.

Thank you for you cooperation with this matter. If you have any questions or require additional information please contact me at (734) 662-3197.

Sincerely,

Michelle L. Kritzman

Michelle L. Kritzman, M.S.
Radiological Physicist
ABR Certified, Medical Nuclear Physics

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

70 E. 91st Street, Suite 106
Indianapolis, IN 46240
(317) 581-1931 Fax
(317) 581-1911

4806 Mile High Drive
Salt Lake City, UT 84124
(801) 272-2952 Office & Fax

N7375 Crystal Ridge Drive
Beaver Dam, WI 53916
(920) 885-9872 Fax
(920) 885-9870

www.mpcphysics.com

MPC MEDICAL PHYSICS CONSULTANTS, INC.

Sealed Source Leak Test

Licensee: Providence Medical Center-Farmington Hills Date: 10/14/09

Performed by: Michelle Kritzman

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Cs-137	Vial	218 uCi	02/11/99	Hot Lab	NES-356	S356039-355
Current Activity:	170.3 uCi					
Ba-133	Vial	285 uCi	03/11/99	Hot Lab	NES-359	S359025-343
Current Activity:	143.8 uCi					
Co-57	Vial	10.81 mCi	12/01/05	Hot Lab		1140-54-8
Current Activity:	0.291 mCi					

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

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

RADIATION SAFETY OFFICER: _____

MPC
MEDICAL PHYSICS CONSULTANTS, INC.

TELECOPY TRANSMITTAL

DATE: 3/26/10

TO: Jose Macatangay

Fax Number: 630-829-9892

FROM: Michelle Britzman

RE: Control #318749

COMMENTS:

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
(734) 662-9224 Fax
(734) 662-3197

70 E. 91st Street, Suite 106
Indianapolis, IN 46240
(317) 581-1931 Fax
(317) 581-1911

4806 Mile High Drive
Salt Lake City, UT 84124
(801) 272-2952 Office & Fax

N7375 Crystal Ridge Drive
Beaver Dam, WI 53916
(920) 885-9872 Fax
(920) 885-9870

www.mpcphysics.com