



**RIVERVIEW HOSPITAL
RADIATION ONCOLOGY**

FACSIMILE COVER LETTER

DATE: 7/14/08

FROM: RIVERVIEW RADIATION ONCOLOGY
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NUMBER OF PAGES INCLUDING COVER LETTER: 2

SPECIAL INSTRUCTIONS: _____

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Medical Physics Consultants, Inc

Sealed Source Leak Test

Licensee: Riverview Hospital - Noblesville

Date: 09/20/06

Performed by:

Patrick Byrne

Patrick Byrne

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Co-57	Flood	10 mCi	4/15/05	Hot Lab	BM01-10	BM01101644
Cs-137	Vial	100 uCi	3/23/88	Hot Lab	Capintec	S901703806
Gd-153	Line	250 mCi	05/01/99	Hot Lab	MED3601	1833
Gd-153	Line	250 mCi	05/01/99	Hot Lab	MED3601	1831
Cs-137	AC	30 mCi	4/1/06	Hot Lab	HEG-0091	CZ-368
Co-57	Flood	10 mCi	3/8/06	Hot Lab	BM01-10	BM01102135
Cs-137	AC	30 mCi	4/1/06	Hot Lab	HEG-0091	CZ-339
Ge-68	AC	500 uCi	8/1/05	Hot Lab	IPL	C6-152

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	2.1×10^{-4} uCi	45 cpm
Ba-133	6.0×10^{-5} uCi	264 cpm
Co-57	4.0×10^{-5} uCi	307 cpm

RADIATION SAFETY OFFICER:

Patrick Byrne DARR