



*Cardiology of Virginia, Inc.*

1570 EARLY SETTLERS ROAD  
TELEPHONE: (804) 560-8782

RICHMOND, VA 23295  
FAX: (804) 560-8783

DIPLOMATES OF  
CARDIOVASCULAR DISEASE

*Mark E. Johns, M.D., FACC*  
*Edson DeGuzman, M.D., FACC*

CARDIOLOGY CONSULTATION  
NUCLEAR IMAGING  
ECHOCARDIOGRAM  
STRESS TESTING

January 8, 2008

J-6

Mr. Dennis Lawyer  
Nuclear Regulatory Commission

03035363

Re: Mail Control No. 141491  
License Amendment for License 45-25514-01

Dear Mr. Lawyer,

Please make the necessary changes to delete the 1463 Johnston-Willis Drive site and please add the 13572 Waterford Place, Midlothian, VA site to our license. Therefore, we will have two sites, 1570 Early Settler's Road, and 13572 Waterford Place in Operation.

Tc-99m has not been used at the 1463 Johnston-Willis Drive location since 2000.

Enclosed is the most current leak test for Ba-133 And Tc-99m performed.

Thank you for your help in this matter.

Sincerely,

Mark E. Johns  
Cardiology of Virginia

141491  
NMSS/RGN1 MATERIALS-002

## Sealed Source Leak Test and Inventory

**Licensee:** Cardiology of Virginia  
**Address:** 1570 Early Settlers Rd  
**City:** Richmond **State:** VA **Zip:** 23235  
**License #:** 45-25514-01 **Telephone:** \_\_\_\_\_

### Sample Identification / Analysis

Source	1	2	3	4
Nuclide	Co-57	Co-57	133-Ba	137-Cs
Mfg	IPL	IPL	IPL	IPL
Model	FLOOD	REF	REF	REF
Serial	1187-149	1218-55-24	686-17-29	686-12-8
Assay Date	1 Aug 2006	1 Apr 2007	1 Aug 2000	1 Aug 2000
Activity	5.0 mCi	5.41 mCi	287.2 uCi	255.3 uCi

**Current**

Activity	1.73 mCi	3.43 mCi	180.5 uCi	216.4 uCi
Location	H.L.	H.L.	H.L.	H.L.
Use	Camera	D.C.	D.C.	D.C.

**Wipe**

Date	8/27/07	8/27/07	8/27/07	8/27/07
By	Cyndy Ranalli	Cyndy Ranalli	Cyndy Ranalli	Cyndy Ranalli

**Assay**

Date	8/28/07	8/28/07	8/28/07	8/28/07
µCi	-6.029e-07	-1.206e-05	-4.005e-05	-4.621e-05

**LLD**

µCi	4.054e-08	4.054e-08	1.557e-05	1.557e-05
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**Analysis**

<0.005µCi	x	x	x	x
>0.005µCi				

Next Leak Test Due:(every 6 mo.) 2/28/08 Next Inventory Due:(every 3 mo.) 11/28/07

Comments/Actions: **PASSED**

Assay Performed By: Ron Reiman Date: 8/28/07

RSO Signature: [Signature] Date: 12/20/07



**NC Systems, Inc. • Licensed Leak Testing • Colorado 751**

6660 Airport Blvd., Suite 101, Boulder, CO 80301 • (800) 846-4024 • (303) 541-0044 • (303) 541-0066 FAX

SealedSourceLeakTest&Inv6-02