

## **RADIOLOGICAL PHYSICS SERVICE, INC.**

3839 Napier Road ♦ Plymouth, Michigan 48170

(734) 455-4730

April 30, 2015

Ms Sarah Forester  
U.S. Nuclear Regulatory Commission  
Division of Nuclear Materials Safety  
Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Dear Ms Forester:

Enclosed is a copy of the sealed source inventory and leak tests for the sources that I transferred from AA&A Medical (license no. 21-32818-01) to Radiological Physics Service (21-26253-01) on November 17, 2014. At that time I also performed a GM survey and did not find any other radioactive material or contamination.

If there are any other questions please contact me.

Sincerely,



Ray A. Carlson, M.S., DABR, DABMP  
Medical Physicist

RECEIVED MAY 07 2015

**Location:** Radiological Physics Service (AA&A Medical Co. sources)      **Date of Inspection:** November 17, 2014

**SEALED SOURCE INVENTORY**

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
Ba-133	vial	Hot Lab	258.2 uCi	08/01/05	Eckert & Ziegler	RV-133-250U	1124-34-7
Cs-137	vial	Hot Lab	194.9 uCi	11/01/08	Eckert & Ziegler	RV-137-200U	1333-47-2
Cs-137	rod	Hot Lab	0.5 uCi	11/01/08	Eckert & Ziegler		1294.64-93
Co-57	flood	Hot Lab	10 mCi	10/01/11	Eckert & Ziegler	MED 3722	1518-038

RSO: Ray A. Carlson, M.S.

**SEALED SOURCE LEAK TEST**

Nuclide	Type	Location	Calibration Activity	Calibration Date	Mfgr.	M/N	S/N
Ba-133	vial	Hot Lab	258.2 uCi	08/01/05	Eckert & Ziegler	RV-133-250U	1124-34-7
Cs-137	vial	Hot Lab	194.9 uCi	11/01/08	Eckert & Ziegler	RV-137-200U	1333-47-2
Co-57	flood	Hot Lab	10 mCi	10/01/11	Eckert & Ziegler	MED 3722	1518-038

**COMMENT:** *The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.*

**TESTED BY:** Ray A. Carlson, M.S.

**DATE:** March 21, 2014

RSO: Ray A. Carlson, M.S.

C O V E R

FAX

S H E E T

To: SARAH FORESTER  
Fax #: 630-515-1078  
Subject:  
Date: 5/7/15  
Pages: 3, including this cover sheet.

MATERIALS LICENSING

COMMENTS:

<p>Ray A. Carlson, M.S. Cell: (734) 395-7361</p> <p>Dan L. Marx, M.S. Cell: (803) 549-2187</p> <p>Laura Smith, M.S. Cell: (586) 215-5947</p> <p>Vince McCormick, M.S. Cell: (734) 395-9323</p>
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