TO: Dennis Lawyer

Fax: 610-337-5269

From: K. Paul Steinmeyer, RSO

License: SNM-1993

Mail Control Number 141709

(19 Pages follow)

J-6

SNM-1993

07003078

Attached are the leak test results for the five (5) Pu-238-powered pacemakers that have passed through our facility.

#483 Received 10-15-02
#490 Received 9-4-03
#459 Received 12-2-04
#527 Received 12-23-04
#562 Received 6-6-2005

All 5 were shipped to NSSI on 9-1-05.

We are currently not in possession of any pacemakers.

There are only three (3) still actively being followed.

Sincerely,

K. Paul Steinmeyer, RRPT
Senior Health Physicist

Phone: (860) 228-0487 • Fax: (860) 228-4402 • Web: www.radpro.com • E-mail: kpstein@radpro.com

REC'D IN LAT FEB 2 8 2008

141709

NMSS/RGN1 MATERIALS-002

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **483**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **04/16/2003**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	**0.23**	**31.38%**	**<13.73**	**<6.19E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **04/16/2003** MDA: **6.19E-06 µCi**

Signature: RSA ID # : **15486**

Original to customer
Copy to RSA file

Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **483**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **09/04/2003**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	0.2	31.38%	<13.39	<6.03E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **09/04/2003** MDA: **6.03E-06 µCi**

Signature: RSA ID # : **15462**

Original to customer
Copy to RSA file

Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **483**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **03/09/2004**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	0.17	31.38%	<13.02	<5.86E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **03/09/2004** MDA: **5.86E-06 µCi**

Signature:

RSA ID # : **16958**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **483**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **09/07/2004**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	**0.23**	**31.38%**	**<13.73**	**<6.19E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **09/07/2004** MDA: **6.19E-06 µCi**

Signature: RSA ID # : **17685**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **483**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **03/04/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

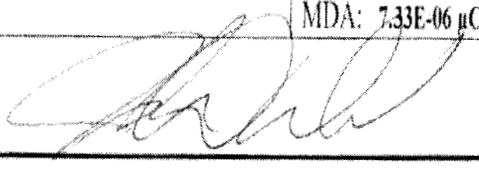
SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	**0.27**	**27.29%**	**<16.28**	**<7.33E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **03/04/2005** MDA: **7.33E-06 µCi**

Signature: 

RSA ID # : **18597**

Original to customer
Copy to RSA file

Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **483**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **07/27/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	**0.13**	**27.29%**	**<14.99**	**<6.75E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **07/27/2005** MDA: **6.78E-06 µCi**

Signature: RSA ID # : **19390**

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Rev 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **490**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **09/04/2003**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

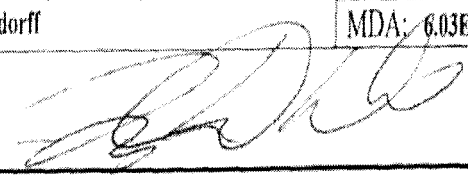
SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	0.2	31.38%	<13.39	<6.03E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **09/04/2003** MDA: **6.03E-06 µCi**

Signature: 

RSA ID # : **15463**

Original to customer
Copy to RSA file

Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **490**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **03/09/2004**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	0.17	31.38%	<13.02	<5.86E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **03/09/2004** MDA: **5.86E-06 µCi**

Signature: RSA ID # : **16959**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **490**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **09/07/2004**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

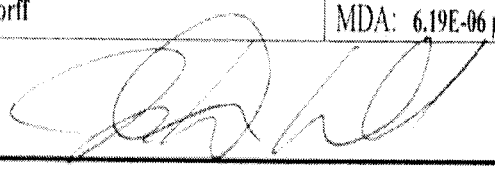
SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	**0.23**	**31.38%**	**<13.73**	**<6.19E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **09/07/2004** MDA: **6.19E-06 µCi**

Signature: 

RSA ID # : **17686**

Original to customer
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Rev 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **490**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **03/04/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	**0.27**	**27.29%**	**<16.28**	**<7.33E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **03/04/2005** MDA: **7.33E-06 µCi**

Signature: RSA ID # : **18598**

Original to customer
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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **490**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **07/27/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	0.13	27.29%	<14.99	<6.75E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **07/27/2005** MDA: **6.75E-06 µCi**

Signature: RSA ID # : **19391**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **459**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **12/02/2004**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	0.13	31.38%	<12.47	<5.62E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **12/02/2004** MDA: **5.62E-06 µCi**

Signature: RSA ID # : **18349**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Areo Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **459**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **06/06/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	0.23	27.29%	<15.79	<7.11E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **06/06/2005** MDA: **7.11E-06 µCi**

Signature: RSA ID # : **19071**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **459**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **07/27/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	**0.13**	**27.29%**	**<14.99**	**<6.75E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **07/27/2005** MDA: **6.75E-06 µCi**

Signature: RSA ID # : **19389**

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Rev 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **527**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **12/23/2004**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
2	0.33	31.38%	<14.75	<6.64E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **12/23/2004** MDA: **6.64E-06 µCi**

Signature: RSA ID # : **18360**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **527**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **06/06/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
1	**0.23**	**27.29%**	**<15.79**	**<7.11E-06**

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **06/06/2005** MDA: **7.11E-06 µCi**

Signature: RSA ID # : **19072**

Original to customer
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Rev. 1/16/05

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **527**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **07/27/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 μCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (μCi)
0	0.13	27.29%	<14.99	<6.75E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **07/27/2005** MDA: **6.75E-06 μCi**

Signature: RSA ID # : **19392**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer: **Arco Nuclear**	Source Model No.: **NU5**
Person performing wipe test: **Jay R. Dockendorff**	Source Serial No.: **562**
How often must this Leak Test be performed? **6 Months**	Date Leak Test Performed: **06/06/2005**
Source Isotope: **Pu-238**	Source Quantity: **8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
2	0.23	27.29%	<15.79	<7.11E-06

Person Performing the Analysis: **Jay R. Dockendorff**	Date of Analysis: **06/06/2005** MDA: **7.11E-06 µCi**

Signature: RSA ID # : **19073**

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Rev. 1/16/03

For the source being leak tested:

Source Manufacturer:	Source Model No.:
Arco Nuclear	**NU5**
Person performing wipe test:	Source Serial No.:
Jay R. Dockendorff	**562**
How often must this Leak Test be performed?	Date Leak Test Performed:
6 Months	**07/27/2005**
Source Isotope:	Source Quantity:
Pu-238	**8 Ci**

Analysis performed by:

RSA Laboratories
19 Pendleton Drive, P.O. Box 61
Hebron, CT 06248
NRC License No.: 06-30007-01

If you have any questions about these results, call RSA Laboratories at (860) 228-0721.

SEALED SOURCE LEAK TEST CERTIFICATION

This is to certify that a leak test performed on the above-named source indicates the presence of < 0.005 µCi of total removable radioactivity.

SAMPLE ANALYSIS RESULTS

Total cpm	Background cpm	Efficiency	dpm	Total Activity (µCi)
0	0.13	27.29%	<14.99	<6.75E-06

Person Performing the Analysis:	Date of Analysis: **07/27/2005**
Jay R. Dockendorff	MDA: **6.75E-06 µCi**

Signature: RSA ID # : **19393**

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Rev. 1/16/03