

April 8, 2009

United States Nuclear Regulatory Commission  
Attention: Mr. Loren J. Hueter  
Materials Licensing Branch  
2443 Warrenville Road  
Lisle, Illinois 60532

Re: License 24-32076-01  
Amendments to license  
Address change

Gentlemen:

We are writing this letter to notify the United States Nuclear Regulatory Commission that Brucker Engineering, Ltd has moved our office and laboratory including the nuclear moisture/density gauge storage facilities. Our new address will be 7266 Devonshire Drive, St. Louis, Missouri 63119. We are requesting that our license be amended to show this change. In addition the wording on page 2 of 4, item 11-B should be changed from Dennis Cartwright to J. Leo Turek as Mr. Turek is the current RSO.

In response to the information required for the follow-up amendment we include the requested data below:

1. A) Humboldt Scientific Inc. model H5001 Serial #2498  
B) Humboldt Scientific Inc. model H5001 Serial #2499  
C) Humboldt Scientific Inc. model H5001EZ Serial #4549  
D) Humboldt Scientific Inc. model H5001EZ Serial #4666  
E) Seaman Nuclear Corp. model C-200 Serial #H060
2. Date of transfer 4-7-09
3. Enclosed with this letter are the most recent leak tests, dated in January of 2009, showing none of the gauges in our possession were leaking.
4. Brucker Engineering, Ltd. confirms that based upon routine leak test data performed at intervals of every six months that no leaking sealed sources were ever possessed at the facility located at 7547 Ravensridge Drive, St. Louis, Missouri 63119.

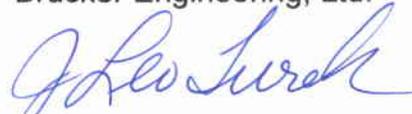
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5. Brucker Engineering, Ltd. confirms that no licensed material remains at the old storage facility located at 7547 Ravensridge Drive, St. Louis, Missouri 63119.
6. Brucker Engineering, Ltd. confirms that the new mailing address is as follows: Brucker Engineering, Ltd.  
7266 Devonshire Drive  
St. Louis, Missouri 63119

Office telephone: 314-781-0126  
Office fax: 314-781-0245

We appreciate your assistance in this matter. If you have any questions, please contact our office.

Respectfully submitted,  
Brucker Engineering, Ltd.



J. Leo Turek P.E.  
President, Radiation Safety Officer

Wipe Date 1-7-09

LEAK TEST CERTIFICATE

Instructions

DESCRIPTION OF DEVICE/SOURCE	
Model <u>H5001</u>	Ser <u>2498</u>
SOURCE 1 SOURCE 2	
Material <u>CS-137</u>	<u>AM-241:Be</u>
Source Ser <u>506140</u>	<u>NJ02655</u>
RSO Name <u>LEO TUREK</u>	
Telephone <u>(314) 961-4495</u>	

Do Not Write In This Space For HSI Use Only	
REMOVABLE ACTIVITY	
Be <u>0</u> Gam <u>0</u> Alpha <u>0</u>	uCi uCi
Humboldt Scientific	
By <u>DOT U.</u>	
Date <u>01/21/09</u>	

- 1 Use wipe procedures as described in the device manual.
- 2 Enter all information under description.
- 3 Print or type return address in the space provided.
- 4 Wipe source (s) and put filter paper in the plastic bag.
- 5 Keep the middle copy and mail this form and bag to Humboldt.
- 6 Regulations require that sources with removable activity greater than 0.005 uCi be removed from service for repair and decontamination or disposal. Authorities must be notified.

5200174  
Return  
Address  
Label  
Please  
Type or  
Print  
Clearly

BRUCKER ENGINEERING, LTD.  
7547 RAVENSRIDGE DRIVE  
ST. LOUIS, MO. 63119

HUMBOLDT SCIENTIFIC INC. 551D Pylon Drive, Raleigh, NC 27606, (919) 832-6509

Wipe Date 1-7-09

LEAK TEST CERTIFICATE

Instructions

DESCRIPTION OF DEVICE/SOURCE	
Model <u>H5001</u>	Ser <u>2499</u>
SOURCE 1 SOURCE 2	
Material <u>CS-137</u>	<u>AM-241:Be</u>
Source Ser <u>506440</u>	<u>NJ02658</u>
RSO Name <u>LEO TUREK</u>	
Telephone <u>(314) 961-4495</u>	

Do Not Write In This Space For HSI Use Only	
REMOVABLE ACTIVITY	
Be <u>0</u> Gam <u>0</u> Alpha <u>0</u>	uCi uCi
Humboldt Scientific	
By <u>DOT U.</u>	
Date <u>01/21/09</u>	

- 1 Use wipe procedures as described in the device manual.
- 2 Enter all information under description.
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7547 RAVENSRIDGE DRIVE  
ST. LOUIS, MO. 63119

HUMBOLDT SCIENTIFIC INC. 551D Pylon Drive, Raleigh, NC 27606, (919) 832-6509

## LEAK TEST CERTIFICATE

Wipe Date 1-7-09

## DESCRIPTION OF DEVICE/SOURCE

Model H5001EZ Ser 4549  
 SOURCE 1 SOURCE 2  
 Material Cs-137 Ah-241:Be  
 Source Ser 3247GH NJO1034  
 RSO Name LEO TUREK  
 Telephone (314) 961-4495

Do Not Write In This Space  
For HSI Use Only

## REMOVABLE ACTIVITY

Beta/Gam Alpha  
0 uCi 0 uCi  
 Humboldt Scientific  
 By DOT U.  
 Date 01/21/09

## Instructions

- 1 Use wipe procedures as described in the device manual.
- 2 Enter all information under description.
- 3 Print or type return address in the space provided.
- 4 Wipe source (s) and put filter paper in the plastic bag.
- 5 Keep the middle copy and mail this form and bag to Humboldt.
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HUMBOLDT SCIENTIFIC INC. 551D Pylon Drive, Raleigh, NC 27606, (919) 832-6509

## LEAK TEST CERTIFICATE

Wipe Date 1-7-09

## DESCRIPTION OF DEVICE/SOURCE

Model H5001EZ Ser 4666  
 SOURCE 1 SOURCE 2  
 Material Cs-137 Ah-241:Be  
 Source Ser 1816CM NJO4919  
 RSO Name LEO TUREK  
 Telephone (314) 961-4495

Do Not Write In This Space  
For HSI Use Only

## REMOVABLE ACTIVITY

Beta/Gam Alpha  
0 uCi 0 uCi  
 Humboldt Scientific  
 By DOT U.  
 Date 01/21/09

## Instructions

- 1 Use wipe procedures as described in the device manual.
- 2 Enter all information under description.
- 3 Print or type return address in the space provided.
- 4 Wipe source (s) and put filter paper in the plastic bag.
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HUMBOLDT SCIENTIFIC INC. 551D Pylon Drive, Raleigh, NC 27606, (919) 832-6509

# Seaman Nuclear Corporation

7315 South First Street Oak Creek, WI 53154 USA

Tel 414-762-5100 Fax 414-762-5106

## Leak Test Certificate

January 13, 2009

A leak test has been performed on meter, serial number **H060**, a model C-200, containing the radionuclide Ra 226.

Owned By: Brucker Engineering Limited  
7547 Ravensridge Dr.  
St. Louis, MO 63119

Date Sample Collected: 1/7/09  
Collected By: J. Leo Turek  
Date Sample Analyzed: 1/13/09  
Analyzed By: T. Lindemann

Most regulatory agencies consider a source to be leaking if a leak test reveals the presence of more than 0.005 microcurie of removable contamination.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by Wisconsin license 079-1257-01.

Seaman Nuclear Corporation

**LEAK TEST DUE: 7/7/09**



Scott C. Seaman  
Radiation Safety Officer

Brucker Engineering, Ltd.  
7266 Devonshire  
St. Louis, Missouri 63119

SAINT LOUIS MO 631

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Attention: Mr. Loren J. Hueter  
Materials Licensing Branch  
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Lisle, Illinois 60532

60532+4352

