



L-3

<b>NRC FORM 314</b> (02-2014) 10 CFR 30.300(i)(1); 40.420(i)(1); 70.300(i)(1); and 72.540(i)(5)(1)(i)		<b>U.S. NUCLEAR REGULATORY COMMISSION</b>  <b>CERTIFICATE OF DISPOSITION OF MATERIALS</b>	<b>APPROVED BY OMB: NO. 3150-0028</b> <b>EXPIRES: 02/28/2017</b> <small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This certificate is used by NRC as part of the basis for its determination that the facility is licensed for unrestricted use. Send comments regarding burden estimate to the FDI, Policy, and Information Collection Branch (7-4 P&amp;T), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to: <a href="mailto:FDI-P&amp;T@nrc.gov">FDI-P&amp;T@nrc.gov</a>, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOR-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a license is used to license an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>
<b>LICENSEE NAME AND ADDRESS</b>  Associated Specialists, Inc. 527 Medical Park Dr. Suite 204 Bridgeport, WV 26330		<b>LICENSE NUMBER</b>  47-31344-02	<b>DOCKET NUMBER</b>  03037941
		<b>LICENSE EXPIRATION DATE</b>  02/28/2019	
<b>A. LICENSE STATUS (Check the appropriate box)</b>			
<input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> This license has not yet expired; please terminate it.			
<b>B. DISPOSAL OF RADIOACTIVE MATERIAL</b> <i>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</i>			
The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:			
<input type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee under this license.			
<input checked="" type="checkbox"/> 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:			
<input checked="" type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below:  Lakeshore Isotopes 2727 W. 21st St. Erie, PA 16505 PA License PA-0802 expires 9/30/22			
<input type="checkbox"/> b. Disposal of radioactive materials:			
<input type="checkbox"/> 1. Directly by the licensee:			
<input type="checkbox"/> 2. By licensed disposal site:			
<input type="checkbox"/> 3. By waste contractor:			
<input checked="" type="checkbox"/> c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.			
<b>C. SURVEYS PERFORMED AND REPORTED</b>			
<input checked="" type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms:			
<input type="checkbox"/> a. the absence of licensed radioactive materials			
<input checked="" type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.			
<input checked="" type="checkbox"/> 2. A copy of the radiation survey results:			
<input checked="" type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); or <input type="checkbox"/> c. was forwarded to NRC on: _____ Date			
<input type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and			
<input type="checkbox"/> a. The results of the latest leak test are attached; and/or <input type="checkbox"/> b. No leaking sources have ever been identified.			
The person to be contacted regarding the information provided on this form:			
NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Mark T. Perna, M.S.	RSO	(412) 551-9259	markperna@msc.com
Mail all future correspondence regarding this license to:  Andrew Fields at this address.			
<b>C. CERTIFYING OFFICIAL</b> <b>I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT</b>			
PRINTED NAME AND TITLE	SIGNATURE	DATE	
Adnan Alghadban, President			
<b>WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</b>			

NRC FORM 314 (02-2014)

 583593  
 NMSS/RGN1 MATERIALS-002

April 7, 2014

U.S. Nuclear Regulatory Commission  
Materials Licensing Branch  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

RE: Closeout survey for Radioactive Material License No. 47-31344-02  
Associated Specialists, Inc.

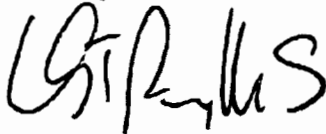
Gentlemen:

We have closed out our old facility. All licensable sealed source radioactive materials have been transferred to Lakeshore Isotopes, Erie, PA; PA License PA-0802 (please see documentation of receipt from Lakeshore Isotopes). The only unsealed isotope used at this facility was Tc-99m half-life of approximately 6 hours. The last use of Tc-99m was July 2, 2013. I took personal possession of the survey meter and attached exempt quantity check source. The following is a close-out survey performed on April 7, 2014

A gross contamination smear was taken on all walls and on the floor, door and door knob. The smears were counted in a Capintec 25W well counter with an efficiency for Tc-99m which is approximately 90% and minimum detectable activity of 153. Background was 876. The gross contamination smear was 857; net counts were zero. Area radiation level surveys were taken at each smear site. The background for the area surveys was 0.02 mR/hr using a Ludlum model 14C GM survey meter last calibrated on March 5, 2014. All readings were 0.02 mR/hr. This was the expected result as the last use of unsealed radioactive material was July 2, 2013 and the only isotope used has a half-life of 6 hours.

Upon hearing from your office, we will release the room for unrestricted use.

Sincerely,

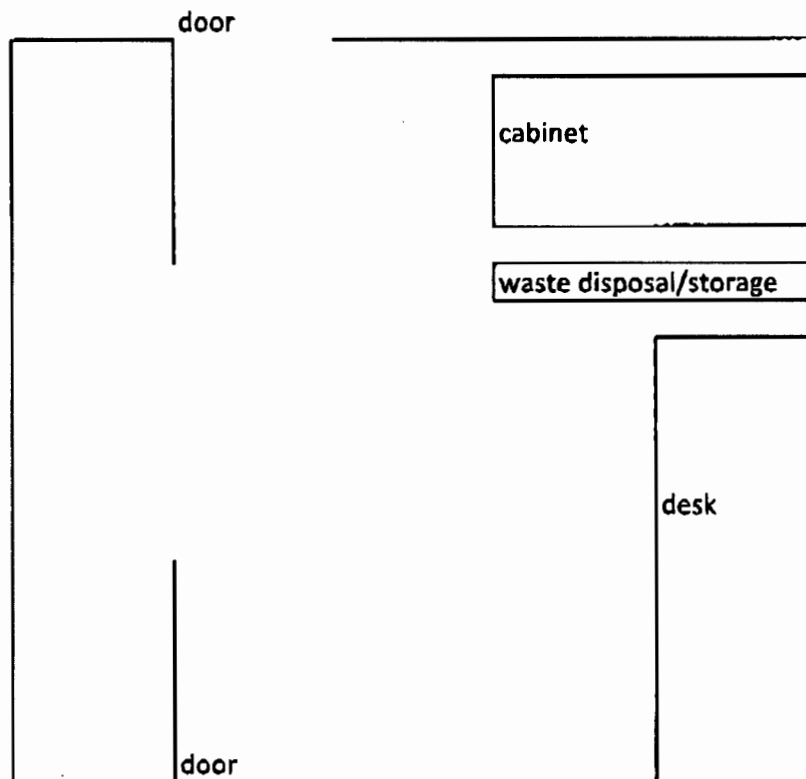


Mark T. Perna, M.S., DABR  
Certified Diagnostic Radiological and Medical Nuclear Physicist  
Radiation Safety Officer

Associated Specialists, Inc.  
527 Medical Park Dr. Suite 204  
Bridgeport, WV 26330

Close out survey  
4/7/14  
Performed by Mark T. Perna, M.S.  
Radiation Safety Officer

### Hot Lab



Counter: Capintec 25W  
Efficiency for Co-57: 90.39%  
Efficiency for Cs-137: 28.50%  
MDA for Co-57: 153  
Background: 876  
Gross counts 857 for gross smear taken over all available surfaces in hot lab  
Net: 0 dpm  
Survey meter: Ludlum 14C Calibrated 3/5/14  
Background: 0.02 mR/hr  
Readings at multiple sites throughout room: 0.02 mR/hr

# Perna Health Physics, Inc.

## Leak Test Certificate

Facility: Associated Specialists, Inc.  
 Date: 7-Apr-14  
 By: MTP

Source ID	SN	Isotope	QTY (mCi)	Cal Date	Test Results
E-Vial	1366-3-39	Co-57	5.521	1-Mar-09	<005 uCi
E-Vial	1366-6-12	Cs-137	0.203	1-Mar-09	<005 uCi
Flood	BM05101105102	Co-57 flood	1000	4-Feb-11	<005 uCi

### Calibration Source Analysis

Counter: CRC-25W

### Background (cpm)

Co-57	Cs-137
876	876

	Isotope	DPM	Gross Ct	Efficiency	MDA
Efficiency:	Co-57	91853.38	89010	90.39%	153
	Cs-137	138023.02	40210	28.50%	161

Precision of measurements: 95% confidence level  
 All sources NIST traceable with +/- 5% accuracy

### Sample Analysis

	SN	Isotope	CPM	DPM	uCi
Samples:	1366-3-39	Co-57	857	-21	-9.47E-06
	1366-6-12	Cs-137	857	-67	-3.00E-05
	BM05101105102	Co-57 flood	857	-21	-9.47E-06

Precision of Measurements: 95% Confidence Level

MARK

PERNA

Radiation Safety Officer

Digitally signed by MARK PERNA  
 DN: cn=MARK PERNA, o=Perna  
 Health Physics, Inc., ou,  
 email=Calivox@aol.com, c=US  
 Date: 2014.04.07 16:00:16 -0400

# Perna Health Physics, Inc.

## Radioactive Material Inventory

Hospital: Associated Specialists, Inc.

Date Conducted: 7-Apr-14

Radionuclide	Manufacturer/ Serial Number	Calibration Act (mCi)	Calibration Date	Current Act (mCi)	Location
Co-57	1366-3-39	5.52	1-Mar-09	0.047	Hot Lab*
Cs-137	1366-6-12	0.2033	1-Mar-09	0.181	Hot Lab*
Co-57 flood	BM05101105102	10	4-Feb-11	0.518	Hot Lab*

Total Current Co-57 Inventory: 0.57 mCi

Total Current Cs-137 Inventory: 0.181 mCi

\*in use

Any questions should be directed to the undersigned.

**MARK**

Radiation Safety Officer

**PERNA**

Digitally signed by MARK  
PERNA  
DN: cn=MARK PERNA, o=Perna  
Health Physics, Inc., ou,  
email=Calivox@aol.com, c=US  
Date: 2014.04.07 16:00:08  
-04'00'

**Lakeshore Isotopes, L.L.C.**

2727 West 21st St., Erie, PA 16506

Tel.: (814) 836-0207

Fax: (814) 836-0484

**CERTIFICATE of MATERIAL  
TRANSFER**

<sup>137</sup>Cs E vial, Eckert & Ziegler serial No. 1366-6-12, calibrated at 203.3  $\mu$ Ci on 1 March, 2009, has been received by Lakeshore Isotopes on 8 April 2014. Said source is being retained by Lakeshore Isotopes at our Erie, Penna. facility until final disposition. Responsibility for the source rests with Lakeshore Isotopes from this point until ultimate and final disposition.

Peter Pekelnicky, R. Ph.  
Director of Pharmacy  
Radiation Safety Officer

Penna. DEP testing lab No. 25-828  
Penna. DEP BRP license PA-0802

**Lakeshore Isotopes, L.L.C.**

2727 West 21st St., Erie, PA 16506

Tel.: (814) 836-0207

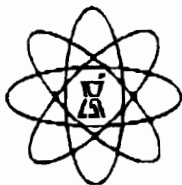
Fax: (814) 836-0484

**CERTIFICATE of MATERIAL  
TRANSFER**

<sup>57</sup>Co sheet source, Rad Qual Model No. BM-05 serial No. 11005102, calibrated at 10 mCi on 4 February, 2011, has been received by Lakeshore Isotopes on 8 April 2014. Said source is being retained by Lakeshore Isotopes at our Erie, Penna. facility until final disposition. Responsibility for the source rests with Lakeshore Isotopes from this point until ultimate and final disposition.

Peter Pekelnicky, R. Ph.  
Director of Pharmacy  
Radiation Safety Officer

Penna. DEP testing lab No. 25-828  
Penna. DEP BRP license PA-0802

**Lakeshore Isotopes, L.L.C.**

2727 West 21st St., Erie, PA 16506

Tel.: (814) 836-0207

Fax: (814) 836-0484

## **CERTIFICATE of MATERIAL TRANSFER**

<sup>57</sup>Co E vial, Eckert & Ziegler serial No. 1366-3-39, calibrated at 5.521 mCi on 1 March, 2009, has been received by Lakeshore Isotopes on 8 April 2014. Said source is being retained by Lakeshore Isotopes at our Erie, Penna. facility until final disposition. Responsibility for the source rests with Lakeshore Isotopes from this point until ultimate and final disposition.

Peter Pekelnicky, R. Ph.

Director of Pharmacy

Radiation Safety Officer

Penna. DEP testing lab No. 25-828

Penna. DEP BRP license PA-0802