



Environmental & Laboratory Services www.exeloncorp.com  
300 Front Street  
Building # 1 2nd Floor  
West Conshohocken, PA 19428-2723

An Exelon Company

February 23, 2006  
Docket No. 03017120  
Control No. 138171  
License No. 37-06752-06

U.S. Nuclear Regulatory Commission  
Region 1  
ATTN: Elizabeth Ullrich  
475 Allendale Road  
King of Prussia, PA 19406

*MS16  
Q-9*

*2006 FEB 27 PM 2:08*

*03017120*

**RECEIVED  
REGION 1**

Subject: PECO Energy an EXELON Company  
Termination of Material License No. 37-06752-06

Dear Elizabeth

This is in reference to your letter received February 21, 2006 requesting a statement verifying that no leaking sources have ever been identified since the move to our current location. We currently own 5 detectors and have always participated in a program where the detectors are leak tested every 6 months. In all that time we have never had a reading above background. I have included copies of the latest leak test certificates for our detectors. If you have any questions or require additional information, please do not hesitate to contact me.

Thank you,

Robert J. Laughead  
Radiation Safety Officer  
Phone: 610-832-6404  
Fax: 610-832-6430  
Email: robert.laughead@peco-energy.com

*138171*

**NMCS/RGN MATERIALS-002**

PORTER CONSULTANTS, INC.  
125 Argyle Rd.  
Ardmore, PA 19003-3201  
(610) 896-3333

PCI Form 25

## LEAK TEST CERTIFICATE

CUSTOMER: PECO Chemical Lab  
Aug. 23, 2005 swipes

P. O.  
request of Robert Laughead

CATALOG #  
A. Gas Chromatographs

CAPSULE TYPE:  
I.C. Sources

RADIONUCLIDE  
Ni - 63

NOMINAL ACTIVITY  
Ni-63, 15 mCi @

THE LEAK TESTS INDICATED BELOW WERE PERFORMED TO DETERMINE  
THE INTEGRITY OF THE RADIOACTIVE SOURCE :

### A. STANDARD WIPE TEST

1. Perken Elmer Gas Chromatograph S/N #610N-3032404 Auto System; Source #2562\*
2. Model 9C00 Perken Elmer Auto system-2; S/N#610N7111711; Source #1020.\*
3. Chromatograph as above, SOURCE # 2563
4. Perken Elmer Auto System XL Gas Chromatograph S/N# 610N0072509 Source # 3326.

\* These two Sources were switched during the past 6 months.

The source shield is swabbed over the closest aperture surface with a filter paper or cotton swab. The swab is counted using a low background counter. Activity levels exceeding 0.003 microcuries will be cause for declaring a beta/gamma source leaking. Appropriate notification of licensing authorities is required in this situation.

#### Measured Activity:

1. <.001 uCi beta
2. <.001 uCi beta
3. <.001 uCi beta
4. <.001 uCi beta

DATE: 8/23/05

*S.M. Porter, Jr. C.H.P.*



PerkinElmer Life and Analytical Sciences,  
710 Bridgeport Avenue,  
Shelton, CT 06484-4794, U.S.A.

# Certification for <sup>63</sup>Ni Electron Capture Detector

Do Not Discard

Werfen Sie Nicht Weg

버리지 말라

Ne jetez pas

放棄してはいけない

Não rejeite

不要放棄

Non scarti

No basura



## N610-0133 CERTIFICATION <sup>63</sup>Ni Electron Capture Detector

Save for proof of tests.

The attached source complies with the requirements of ANSI N542 (ISO 2919) Classification C42211. This source has been leak tested and is certified to have less than 0.005  $\mu$ Ci, 180 Bq of removable contamination.

Serial Number	4730	Date Received	
Assay Number		Activity	15 mCi
Isotope	<sup>63</sup> Ni PE 447		

Wipe Test Date	7-21-05	9-22-05	
Contamination Removed	< 0.005 $\mu$ Ci < 4 Bq	< 0.005 $\mu$ Ci < 4 Bq	$\mu$ Ci Bq

Pressurization test at 30psi N<sub>2</sub>; Passed:

Initial Test Performed by  
Signature *[Handwritten Signature]*

Detector Model Number  
N610-0063 (115V)      N610-0134 (230V)