



Environmental & Laboratory Services www.exeloncorp.com
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Building # 1 2nd Floor
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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 ⁶³Ni 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 ⁶³Ni 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 μ Ci, 180 Bq of removable contamination.

Serial Number	4730	Date Received	
Assay Number		Activity	15 mCi
Isotope	⁶³ Ni PE 447		

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

Pressurization test at 30psi N₂; Passed:

Initial Test Performed by
Signature *[Signature]*

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