



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building
P.O. Box 8469
Harrisburg, PA 17105-8469
January 29, 2009

Bureau of Radiation Protection

717-787-3720
Fax: 717-783-8965

Mr. Glenn R. Marshall, CHP
Corporate Radiation Safety Officer
Philotechnics, Ltd.
600 State Street
Clairton, PA 15025

Re: Pennsylvania Radioactive Material License No. PA-0831

Dear Mr. Marshall:

We are enclosing Amendment No. 12 to the referred license in response to correspondence dated December 15, 2008.

This amendment effectively adds Mr. Frank Brown as the Radiation Safety Officer for this license and removes Glenn R. Marshall from that position.

Cessation of laundry operations has also been noted and license condition 13 updated with the new Radiation Protection Program For Pennsylvania-Licensed Activities HPPA-001 Revision 0.

If there are any questions regarding this letter I can be contacted at (717) 783-9730.

Thank you for your cooperation.

Sincerely,

Louis Ray Urciuolo
Radiation Protection Program Manager
Radioactive Material Licensing

Enclosure: License No. PA-0831; Amendment No.12



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF RADIATION PROTECTION

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License No. PA – 0831

RADIOACTIVE MATERIALS LICENSE

Amendment No. 12

Pursuant to the Radiation Protection Act, the Act of July 10, 1984 (No. 147, P.L. 688) (35 P.S. §§ 7110.101 – 7110.703) and Title 25. Rules and Regulations, Article V. Radiological Health of the Pennsylvania Department of Environmental Protection, and in reliance on statements and representations heretofore Licensee to receive, acquire, possess, transfer, and use radioactive material listed below for the purposes and at the places designated below. This license shall be deemed subject to all applicable rules, regulations, or orders of the Pennsylvania Department of Environmental Protection now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Philotechnics, LTD.</p> <p>2. 600 State Street Clairton, PA 15025</p>	<p>In response to correspondence dated December 15, 2008</p> <p>3. License No. PA – 0831 Is amended in its entirety to read as follows:</p> <p>4. Expiration Date: May 31, 2015</p> <p>5. Reference No: 143716</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material with atomic numbers 3 through 88	A. Any	A. 1 Curie total
B. Source material	B. Any	B. 1000 pounds
C. Transuranics, excluding plutonium	C. Any	C. 200 millicuries
D. Special nuclear material	D. Any	D. 100 grams
E. Hydrogen 3	E. Any	E. 500 Curies
F. Any radioactive material	E. Sealed, plated or foil sources	E. 1 millicurie total, no individual source to exceed 100 microcuries

<p>9. Authorized use:</p> <p>A. through E. Packaging, repackaging and storage incident to decontamination, decommissioning, source encapsulation to meet disposal site criteria, and waste disposal.</p> <p>F. Instrument calibration, maintenance and response checks.</p>

CONDITIONS

<p>10. Licensed material may be used only at the licensee's facility located at 600 State Street, Clairton, PA, 15025 and at temporary job sites of clients in Pennsylvania.</p> <p>11. A. Licensed material shall be used by, or under the supervision of: Glenn R. Marshall, Frank Brown, Donald Hartje, Robert McIntosh, Jon Dillon, Mathew Norton, Gary Nadeau, Robert Trimble, John Caudle, Tracie Clemons, Timothy J. Pratt, Evan Harpenau, David Aguero, Michael McGhee, Ryan Fahey, Dave Lewis, Darrell Jerrell and Alvin Smith.</p> <p>B. Removal of devices from service shall be performed only by individuals who have been trained in accordance with the letter dated June 13, 2008 and who have been designated in writing by the Radiation Safety Officer.</p>
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12. The Radiation Safety Officer for this license is: Frank Brown
13. All activities shall be conducted in accordance with licensee's "Radiation Protection Program" Revision 0 of HPPA-001 dated November 2008. In addition, the license shall secure approval of the Department before working at temporary job sites involving activities with unsealed radioactive material and submit descriptions of the proposed activities for those sites.
14. The licensee shall provide the Department with a schedule for activities conducted at temporary job sites that involve activities with unsealed radioactive material. The Department also shall be notified at least three days prior to the licensee commencing work at those temporary job sites.
15. Release limits for surface contaminated objects are described in attachment B of the application to the Department dated April 26, 2000. Release limits for volume contaminated materials and soils shall be determined by the Department on a case by case basis.
16. The licensee shall submit to the Department a copy of the closeout survey for temporary job sites involving activities with unsealed radioactive materials in order to secure approval to release sites for unrestricted use.
17.
 - A. The licensee shall maintain records of the identity, quantity and date of any radioactive wastes that are put into storage and their disposition.
 - B. Waste for disposal may not be stored for a period of more than 1 year, with the following exception:
 - C. The licensee is authorized to hold any radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash, provided the licensee stores the material for decay in accordance with all other requirements of 25 Pa. Code 224.23.
18. The licensee shall conduct a physical inventory every 6 months to account for all sealed sources and/or devices containing licensed material received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
19. The licensee is authorized to transport licensed material, or deliver licensed material to carrier for transport, in accordance with the provisions of 25 Pa Code Chapter 230, "Packaging and Transportation of radioactive Material" and the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material." Incorporated by reference.
20. Notwithstanding the requirements set forth in this license, the licensee shall comply with the regulations set forth in Title 25 of the Pennsylvania Code, Article V "Radiological Health" and the U.S. Nuclear Regulatory Commission, Title 10 Code of Federal Regulations Parts 19-150 incorporated by reference.



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21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The Department of Environmental Protection's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Consolidated applications date April 26, 2000 and letters dated April 7, 2000 and April 12, 2000.
 - B. Letter dated March 13, 2001
 - C. Letter dated October 8, 2003
 - D. Renewal application dated March 24, 2005
 - E. Letter dated June 6, 2007
 - F. Letter dated December 11, 2007
 - G. Letter dated June 13, 2008
 - H. Letter dated July 24, 2008
 - I. Letter dated December 15, 2008 (DEP)



For the Pennsylvania Department of Environmental Protection

Louis Ray Urciuolo

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Bureau of Radiation Protection
P. O. Box 8469
Harrisburg, PA 17105-8469

Date: January 29, 2009