

State of California-Health and Human Services Agency

California Department of Public Health

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## RADIOACTIVE MATERIAL LICENSE

Pursuant to the California Code of Regulations, Division 1, Title 17, Chapter 5, Subchapter 4, Group 2, Licensing of Radioactive Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, use, possess, transfer, or dispose of radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders of the California Department of Public Health now or hereafter in effect and to any standard or specific condition specified in this license.

1. Licensee: Philips Lighting Company	3. License Number: 4618-15 Amendment Number: 19
2. Address: 1375 East Locust Street Ontario, CA 91764	4. Expiration date: September 16, 2017 (5)
Attention: Keith Gregory Radiation Safety Officer	5. Inspection agency: Radiologic Health Branch South

License Number 4618-15 is hereby renewed in its entirety.

6. Nuclide	7. Form	8. Possession Limit
A. Hydrogen-3	A. Absorbed on a substrate inside sealed glow switches.	A. Not to exceed 50 nanocuries per glow switch. Total not to exceed 18.6 millicuries.
B. Krypton-85	B. Gas sealed electron tubes or glow switches.	B. Not to exceed 625 nanocuries per tube or glow switch. Total not to exceed 17 millicuries.
C. Promethium-147	C. Wire inside sealed glow switches.	C. Not to exceed 330 nanocuries per glow switch. Total not to exceed 35 millicuries.

9. Authorized Use

A.-C. To be used for storage only.

LICENSE CONDITIONS

10. Radioactive material shall be used only at the following location:

(a) 1375 East Locust Street, Ontario, CA.

11. This license is subject to an annual fee for sources of radioactive material authorized to be possessed at any one time as specified in Items 6, 7, 8 and 9 of this license. The annual fee for this license is required by and computed in accordance with Title 17, California Code of Regulations, Sections 30230-30232 and is also subject to an annual cost-of-living adjustment pursuant to Section 100425 of the California Health and Safety Code.

12. Radioactive material shall be used by, or under the supervision of, the following individuals:

- (a) Keith Gregory
- (b) Susie Paraszky

13. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 7, 8 and 9 of this license in accordance with the statements, representations, and procedures contained in the documents listed below. The Department's regulations shall govern unless the statements,

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State of California-Health and Human Services

California Department of Public Health

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## RADIOACTIVE MATERIAL LICENSE

License Number: 4618-15Amendment Number: 19

representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

(a) The application with attachments for renewal dated August 1, 2006, signed by Steve McGuire, Manager Corporate Environmental Affairs, as modified by the letter, with attachments, dated July 14, 2008, signed by Dean A. Weeks, Director - Projects Engineering & Environmental and Corporate RSO.

14. The Radiation Safety Officer in this program shall be Keith Gregory.
15. This license does not authorize distribution of radioactive material pursuant to Title 17, California Code of Regulations, Sections 30180 and 30192 through 30192.6 or equivalent provisions of the U.S. Nuclear Regulatory Commission or Agreement States.
16. The licensee will provide the Low Level Radioactive Waste (LLRW) reports specified in the California Health and Safety Code section 115000.1(h) to the California Department of Public Health (CDPH) on an annual basis for both shipped and stored LLRW. Alternatively, LLRW shipment information may be provided on a per shipment basis. LLRW shipment information and annual reports shall be mailed to:

Attn: LLRW Tracking Program  
California Department of Public Health  
Radiologic Health Branch, MS 7610  
P.O. Box 997414  
Sacramento, CA 95899-7414

17. At least 30 days prior to vacating any address of use listed in Condition 10 of this license, the licensee shall provide written notification thereof to the Department of Public Health, in accordance with Title 17, California Code of Regulations, Section 30256 (b).
18. A copy of this license and a copy of all records and documents pertaining to this license shall be maintained available for inspection at 1375 East Locust Street, Ontario, CA.

Issued for the State Department of Public Health

Date: 8-21-08By: Lauren B. Labbe

Lauren B. Labbe  
Senior Health Physicist  
Radiologic Health Branch  
P.O. Box 997414 - MS-7810  
Sacramento, CA 95899-7414



NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE

Pursuant to the Public Health Law, Part 16 of the New York State Sanitary Code, Industrial Code Rule 38, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing radioactive material(s) for the purpose(s), and at the place(s) designated below. The license is subject to all applicable rules, regulations, and orders now or hereafter in effect of all appropriate regulatory agencies and to any conditions specified below.

1. NAME OF LICENSEE  FEIN 13-3429115  Philips Lighting Company, a Division of Philips Electronics North American Corporation  Phone (607) 776-8297		3. LICENSE NUMBER  C2512
2. ADDRESS OF LICENSEE  7265 Route 54 Bath, New York 14810-9523		4. EXPIRATION DATE  July 31, 2012
		5a. REFERENCE  DH 09-490
		b. AMENDMENT NO.  4
6. Radioactive Materials (elements in mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time
A. Krypton 85	A. Gas	A. 450 millicuries

9. Authorized use.  
Condition 6.A.:  
For possession and use in the manufacture of arc tubes for exempt distribution under licensure by the United States Nuclear Regulatory Commission.
10. Radioactive materials shall be used under the supervision of Roger Cole, Radiation Safety Officer.
11. Except as specifically provided otherwise in this License, the licensee shall conduct its program in accordance with the statements, representation and procedures contained in the documents, including any enclosures, listed below. The Department's Regulations shall govern, unless the statements, representation and procedures in the licensee's application and correspondence are more restrictive than the Regulations.
- A. License Number 29-20609-02E, issued by the United States Nuclear Regulatory Commission.



**NEW YORK STATE DEPARTMENT OF HEALTH**  
**RADIOACTIVE MATERIALS LICENSE**

**3. License Number C2512**

**5a. Reference DH 09-490**

**b. Amendment No. 4**

11. B. License Renewal Application dated October 1, 2003, signed by William Rumery, with attachments.  
  
C. Letter dated March 11, 2008, signed by Roger Cole, with attachment.  
  
D. License Renewal Request dated June 25, 2009, signed by Gregory Page, with attachments.
12. Licensed material shall be stored and used at the licensee's installation located at the address indicated in Condition 2, above.
13. The licensee shall instruct persons before they engage in work under the license, in accordance with section 38.27(a) of Code Rule 38, and shall provide annual refresher training. Such instructions shall include the Licensee's operating and emergency procedures, and other information contained in documents incorporated in Condition 11.
14. A. The licensee shall submit to the Department a detailed description of any proposed changes to the facilities and equipment, described in the license application and supporting documents, before making any such changes. This shall include, but not be limited to, changes in use, floor plans, ventilation systems, and usage of areas contiguous to areas where radioactive materials are used and stored.  
  
B. Plans of facilities which the licensee intends to dedicate to operations involving the use of radioactive material shall be submitted to the Department for review and approval prior to any such use.
15. The licensee shall submit complete decontamination procedures to the Department for approval ninety (90) days prior to the termination of authorized operations involving radioactive material in controlled areas and/or vacating installations pursuant to 12 NYCRR 38, section 38.23.
16. A. The licensee shall maintain records of information important to safe and effective decommissioning at the location listed in License Condition No. 2, and at other locations as the licensee chooses. The records shall be maintained until this license is terminated by the Department and shall include:
  - i. Records of spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site;



NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE

3. License Number C2512

5a. Reference DH 09-490

b. Amendment No. 4

16. A. ii. As-built drawings and modifications of structures and equipment in restricted areas where radioactive materials are used and/or stored, and locations of possible inaccessible contamination, such as buried pipes which may be subject to contamination.
- B. Upon transfer of this license, all such records shall be transferred to the new licensee.
17. The licensee shall submit full information on any proposed change of ownership or control of licensed premises at least 90 days prior to the proposed action.
18. The licensee shall maintain a current copy of the license referenced in Condition 11.A. on file with the Department. A copy of each amendment to that license shall be provided to the Department within 15 days of issuance by the licensing agency. The licensee shall immediately notify the Department by telephone in the event that the referenced license is suspended or terminated.
19. The licensee shall conduct, or have conducted, a periodic inventory of all Ar/Kr tanks, and of all arc tubes containing Krypton-85 possessed under this license. Such inventory shall be conducted at intervals not to exceed six months and shall be documented in a record containing the number of Ar/Kr tanks and arc tubes on site, their locations, the activity of Krypton-85 contained in each tank and in each arc tube, the total activity in tanks and arc tubes on site, and the identity of the person who performed the inventory.
20. In addition to the possession limits in Condition 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in Section 38.7 of 12 NYCRR 38 for establishing decommissioning financial assurance.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: **AUG 17 2009**

CJB/WTV:ks

By

Charles J. Burns, Chief  
Radioactive Materials Section  
Bureau of Environmental Radiation Protection



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF RADIOLOGICAL HEALTH  
3RD FLOOR, L&C ANNEX, 401 CHURCH STREET, NASHVILLE, TENNESSEE 37243

**RADIOACTIVE MATERIAL LICENSE**

**Amendment 10**

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License Number R-N4004-G15

Philips Lighting Company,  
A Division of Philips Electronics North America Corporation  
200 Franklin Square Drive  
Somerset, New Jersey 08873

Attention: Dean Weeks, Director – Projects and Engineering

As requested by Dean Weeks and in accordance with his letter dated March 7, 2011, Tennessee Radioactive Material License No. R-N4004-G10 is amended as follows:

To change Conditions 14 and 19. These conditions will now read as follows:

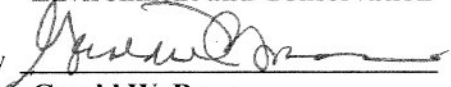
14. A. Radioactive material authorized by this license shall be used by individuals who have been provided with instruction in accordance with statements, representations, and procedures contained in application dated July 7, 1995, with attachments. Records of this individual instruction shall be maintained for inspection by the Department.
- B. The Radiation Safety Officer for this license is Gerak Guyot.
19. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 8, and 9 of this license in accordance with statements, representations, and procedures contained in the following:
- Application dated July 7, 1995, with attachments
  - Information received November 5, 2002
  - Letters dated December 12, 1996, February 24, 1998, October 23, 1998, September 13, 1999, with attachments, October 18, 2002, February 22, 2007, with attachment, and March 7, 2011.

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**All other parts of this license remain unchanged.**

**Date: March 10, 2011**

**For the Commissioner  
Tennessee Department of  
Environment and Conservation**

By   
**Gerald W. Bacon  
Health Physicist  
Division of Radiological Health**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF RADIATION PROTECTION

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License No. PA -1355

**RADIOACTIVE MATERIALS LICENSE**

Amendment No. 1

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.

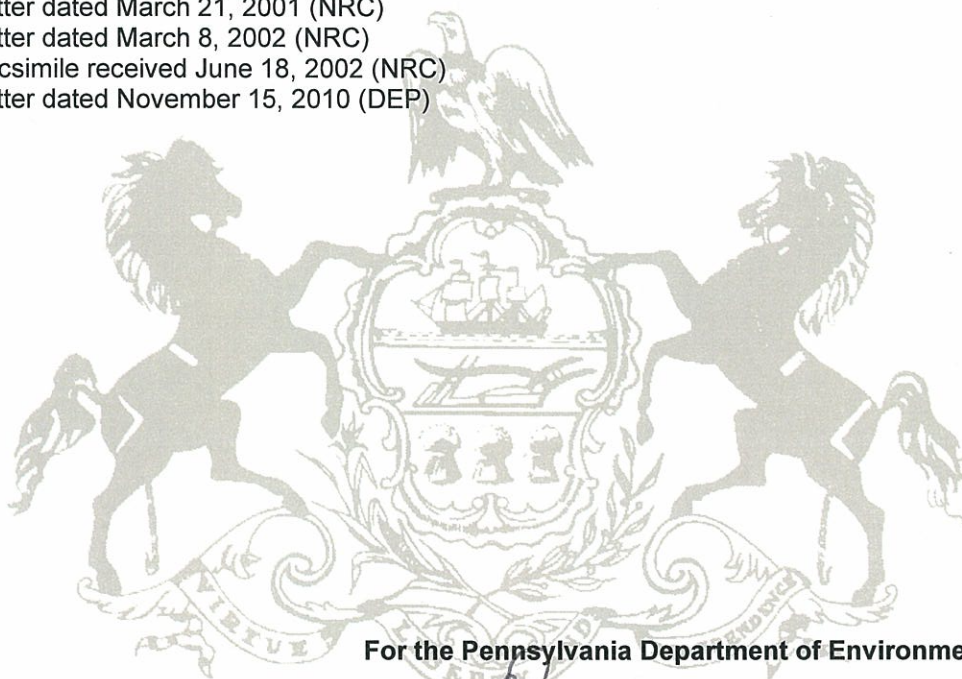
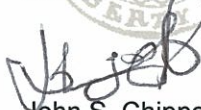
<b>Licensee</b>		In response to correspondence received March 10, 2011	
1. Philips Lighting Company A Division of Philips Electronics North America Corporation		3. License No. PA – 1355 is amended as follows:	
2. 200 Franklin Square Drive Somerset, New Jersey 08873		4. Expiration Date: September 30, 2011	
		5. Client ID: 159903 Program Code: 3124 Priority: 5	
<b>6. Byproduct, source, and/or special nuclear material</b>	<b>7. Chemical and/or physical form</b>	<b>8. Maximum amount that licensee may possess at any one time under this license</b>	
A. Krypton 85	A. Gas	A. Not to exceed 625 nanocuries per tube and 210 millicuries total	
B. Hydrogen 3	B. Particles on Substrate	B. Not to exceed 110 nanocuries per tube and 850 millicuries total	
C. Promethium 147	C. Wire	C. Not to exceed 330 nanocuries per tube and 200 millicuries total	
<b>9. Authorized use:</b>			
A. through C. For use and/or possession incident to the receipt and storage of electron tubes, glow switches and inner arc tubes.			
<b>CONDITIONS</b>			
10. Licensed material may be used or stored only at the licensee's facilities located at 120 Oak Hill Road, Mountaintop, PA 18707.			
11. The Radiation Safety Officer for this license is: Jack Rubio			
12. Licensed material shall be used by, or under the supervision of Jack Rubio or Steve McGuire			
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from the source holders by the licensee.			
14. The licensee shall conduct an annual inventory as described in the letter to the NRC dated June 5, 1991, to reconcile all sources and/or devices received, possessed, and transferred, from the date of the preceding inventory.			
15. This license does not authorize commercial distribution of licensed material.			



**RADIOACTIVE MATERIALS LICENSE**

Amendment No. 1

16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified and incorporated by reference in 10 CFR 30.35(d) for establishing financial assurance for decommissioning.
17. The licensee may transport licensed material, or deliver licensed material to a carrier for transport, in accordance 25 Pa Code Chapter 230, "Packaging and Transportation of Radioactive Material" and the provisions of 10 CFR Part 71 incorporated by reference.
18. 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.
19. 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. Letter dated March 21, 2001 (NRC)
  - B. Letter dated March 8, 2002 (NRC)
  - C. Facsimile received June 18, 2002 (NRC)
  - D. Letter dated November 15, 2010 (DEP)

**For the Pennsylvania Department of Environmental Protection**John S. Chipppo  
Bureau of Radiation Protection  
P. O. Box 8469  
Harrisburg, PA 17105-8469

Date: March 22, 2011





# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF RADIATION PROTECTION

August 25, 2011

Dean Weeks  
Director – Projects and Engineering  
Philips Lighting Company  
200 Franklin Square Drive  
Somerset, NJ 08873-4186

Re: PHILIPS LIGHTING COMPANY  
Acknowledgement of Timely Receipt of Renewal Application  
License No. PA-1355  
Reference No. 159903

Dear Licensee:

This letter serves to acknowledge receipt of your application for renewal of the Radioactive Materials License identified above. Your application is deemed timely filed, and accordingly, the license will not expire until this office has taken final action. Please remember, however, that per 25 PA 218.12, licenses may still be subject to revocation for failure to pay the required annual fee.

Also, any correspondence regarding the renewal application should contain the reference number specified above.

If there are any questions regarding this letter, I can be contacted at (717) 787-2208.

Sincerely,

John Chipppo  
Chief  
Radioactive Material Licensing