

MATERIALS LICENSE

Amendment No. 02

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <ol style="list-style-type: none"> Philips Lighting Company A Division of North American Philips Corporation 200 Franklin Square Drive P. O. Box 6800 Somerset, New Jersey 08875-6800 	<p>In accordance with letter dated July 14, 1992,</p> <ol style="list-style-type: none"> License number 29-20609-03 is amended in its entirety to read as follows: Expiration date June 30, 1996 Docket or Reference No 030-32010
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<p>6. Byproduct, source, and/or special nuclear material</p> <ol style="list-style-type: none"> Krypton 85 Hydrogen 3 Promethium 147 	<p>7. Chemical and/or physical form</p> <ol style="list-style-type: none"> Gas Particles on Substrate Wire 	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <ol style="list-style-type: none"> Not to exceed 625 nanocuries per tube and 200 millicuries total Not to exceed 500 nanocuries per tube and 900 millicuries total Not to exceed 330 nanocuries per tube and 50 millicuries total
<p>9. Authorized use</p> <ol style="list-style-type: none"> through C. For use and/or possession incident to the receipt and storage of electron tubes, glow switches and inner arc tubes. 		

CONDITIONS

- Licensed material may be used only at licensee's facilities at Docks Corner Road, South Brunswick, New Jersey; Hoult Road, Fairmont, West Virginia; Building 11, 23rd Street and 9 Duss Avenue, Ambridge, Pennsylvania; and 1 Moran Drive, Mountaintop, Pennsylvania.
- Licensed material shall be used by, or under the supervision of Paul Walitsky.
 - The Radiation Safety Officer for this license is Paul Walitsky.
- Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
- The licensee shall conduct an annual inventory as described in letter dated June 5, 1991, to reconcile all sources and/or devices received, possessed, and transferred, from the date of the preceding inventory. Records of inventories shall be maintained for 5 years from the date of each inventory.

250020

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

29-20609-03

Docket or Reference number

030-32010

Amendment No. 02

(Continued)

CONDITIONS

14. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
15. This license does not authorize commercial distribution of licensed material.
16. 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. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated November 29, 1989
 - B. Letter dated January 10, 1990
 - C. Letter dated March 5, 1990
 - D. Letter dated March 5, 1991
 - E. Letter dated June 5, 1991
 - F. Letter dated July 14, 1992

For the U.S. Nuclear Regulatory Commission

Original Signed By:

Elizabeth Ullrich

By

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

Date

JAN 05 1993

JAN 05 1993

License No. 29-20609-03
Docket No. 030-32010
Control No. 116913

Philips Lighting Company
ATTN: Paul J. Walitsky
Radiation Safety Officer
A Division of North American
Philips Corporation
P.O. Box 6800
200 Franklin Square Drive
Somerset, New Jersey 08875-6800

Dear Mr. Walitsky:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5093, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

Philips Lighting Company

-2-

We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:
Elizabeth Ullrich



John D. Kinneman, Chief
Research Development &
Decommissioning Section
Division of Radiation Safety
and Safeguards

Enclosures:

1. Amendment No. 02
2. Requirements for Materials Licensees

DRSS:RI
Arredondo/cmm

1/ /93

DRSS:RI
for Kinneman
1/ 5/93

DATE

Oct 92

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME

☐ A.M.
☐ P.M.

☐ INCOMING CALL

☐ OUTGOING CALL

☐ VISIT

PERSON CALLING

OFFICE/ADDRESS

PHONE NUMBER

EXTENSION

Shenandoah

PERSON CALLED

OFFICE/ADDRESS

PHONE NUMBER

EXTENSION

Paul Walitzky

Phillips

CONVERSATION

SUBJECT

And - letter under

SUMMARY

What do you want to add? ^{Kr45} 200 mCi → 625 mCi
* 175 mCi → ~~200~~ 200 mCi
make it

Which locations do you want to add?

add - Ambidge PA, Inkwila, ^{WV} - agreement
Mountaintop, PA. State

Which locations do you want to delete?

drop. Leetsdale, PA
Plymouth, Minn

Reminder:

This license does not authorize distribution.
We have already contacted Susan Greene to add these for
distribution
Contractor - RMC did cleanup for Kr45, #3, P447

REFERRED TO:

ACTION REQUESTED

☐ ADVISE ME OF
ACTION TAKEN.

INITIALS

DATE

ACTION TAKEN

INITIALS

DATE

OFFICIAL RECORD COPY ML 10

116913



PHILIPS

030-32010

Philips Lighting

Ms. Arrendondo
United States Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1415

July 14, 1992

RE: License No. 29-20609-03

Dear Ms. Arrendondo,

As part of our recent letter Philips Lighting Company hereby requests an amendment to the above license. Philips Lighting has several warehouses, is opening a new warehouse and wishes to warehouse low level nuclides containing lamps in a location not previously licensed. In addition, Philips Lighting wishes to import five new lamp types which contain Krypton-85. The changes are described in detail below.

Location changes:

Philips Lighting Company has applied for a State of Washington Radioactive Materials License to distribute lamps containing Kr-85, Tritium or Promethium-147 from a distribution center in Tukwila, Washington. In addition, Philips Lighting has closed two locations listed in 29-20609-03:

22 Avenue C
Leetsdale, PA

1005 Berkshire Lane
Plymouth, MN

The Leetsdale location was replaced by Building 11 which is listed on License 29-20609-02E:

Building 11
23rd Street & 9 Duss Avenue
Ambridge, PA

The address in Tukwila, Washington is:

1180 Andover Park West
Tukwila, WA 98180

Log	Aug 11 th
Remitter	
Check No.	94-687154
Amount	\$570 See also 021419
Fee Category	30
Type of fee	And
Date Check Rec'd	9/11/92
Date Completed	9/11/92



PHILIPS LIGHTING
OFFICIAL SPONSOR
1992 U.S. OLYMPIC TEAM

Philips Lighting Company
A Division of North American Philips Corporation
200 Franklin Square Drive • P.O. Box 6800
Somerset, New Jersey 08875-6800

OFFICIAL RECORD COPY ML 10 116913

JUL 28 1992

A new distribution center is being opened at Mountaintop, PA. We would like to add this new location to the license as well. The address is :

Crestwood Industrial Park
1 Moran Drive
Mountaintop, PA 18707

Authorization Amounts (Line 8):

Philips Lighting Company wishes to import several lamp types from Belgium (Philips Lighting, Turnhout) which contain Krypton-85 (See Table 1 for lamp types, packaging and loading per lamp). Table 2 will show the warehouse quantities required. Table 3 lists the warehouse locations. If by the Agreement state limit increases are needed appropriate amendment applications will be made.

The same quality control procedures described in our amendment adding the MHN lamps are followed for these lamps. They are all produced in the same facility.

Labeling will use the same wording previously approved for the MHN. The label will appear on all individual lamp packages and on the outer cartons.

The wording reads as follows:

"This lamp contains an arc tube with a filling gas containing KR-85 and is distributed by Philips Lighting Company, a division of North American Philips Lighting Corporation."

Table 1:

TYPES/WATTS	PACKAGING	ACTIVITY nCi
MSR-200	4 PACK	9.5
MSR-200-HR	4 PACK	9.5
MSR-400	4 PACK	24.0
MSR-575	4 PACK	60.0
MSR-700	4 PACK	80.0
MSR-1200	4 PACK	150
MSR-2500	4 PACK	250
MSR-4000	1 PACK	625
MSR-200-SA	4 PACK	9.5
MSD-200	4 PACK	26.0
SN-250	4 PACK	20.0

Table 1 (CONTINUED):

TYPES/WATTS	PACKAGING	ACTIVITY nCi
SN-500	4 PACK	80.0
SN-600	4 PACK	150
SN-1000	10 PACK	250
SN-500-507	4 PACK	80
HPM-10	4 PACK	11
HPM-12	4 PACK	.3
HPM-13	4 PACK	.5
HPM-14	4 PACK	.7
HPM-15	4 PACK	.5
HPM-16	4 PACK	.2
HPM-17	4 PACK	.5
HPM-17/OLEL	4 PACK	.5
HPM-19	4 PACK	.5
HPM-19/C	4 PACK	.5
HPM-4020	4 PACK	17
HPM-4000	4 PACK	.1
HPM-3000	4 PACK	11
HPM-L-1250-R	4 PACK	12
HPM-20/20C	4 PACK	15.3
HPM-25	4 PACK	.4
HPM-30	4 PACK	.9
HPM-1001	4 PACK	12.5
HPM-2010	4 PACK	16
HPA-400	4 PACK	12.5
HPA-400/305	4 PACK	9.0
HPA-400/30 SA	4 PACK	5.0
HPA-1000	4 PACK	1.6
HPA-1200S	4 PACK	17.0
HPA-1000/20	4 PACK	.3

Table 1 (CONTINUED):

TYPE/WATTS	PACKAGING	ACTIVITY nCi
HPA-1200-R	4 PACK	.4
HPA-2000	4 PACK	1.2
HPA-2000-R	4 PACK	N/A (.2)
HPA-2000-S	4 PACK	.2
HPA-1001-R	4 PACK	12.4
HPA-2010-R	4 PACK	16
HPA-3000-R	4 PACK	11
HPA-4020-R	4 PACK	17
HPA-419-R	4 PACK	9
HPA-1019-R	4 PACK	18
HPA-5005-R	4 PACK	43

Table 2:

TYPE/WATTS	nCi	QUANTITY	Total uCi
MSR-200	9.5	10	.095
MSR-200-HR	9.5	75	.712
MSR-400	24	500	.712
MSR-575	60	100	12
MSR-700	80	5000	400
MSR-1200	150	100	15
MSR-2500	250	500	125
MSR-4000	625	150	93.75
MSR-400-SA	9.5	100	.95
MSD-200	26	100	2.6
SN-250	20	50	1
SN-500	80	100	8
SN-660	150	50	7.5
SN-1000	250	50	12.5
SN-500-507	80	100	8
HPM-10	11	500	5.5
HPM-12	.3	500	.15
HPM-13	.5	50	.025
HPM-14	.7	250	.175
HPM-15	.5	300	.150
HPM-16	.2	250	.05
HPM-17	.5	500	.250
HPM-17/OLEC	.5	5000	2.5
HPM-19	.5	100	.05
HPM-19/C	.5	100	.050
HPM-L1250R	12	5000	60
HPM-L1250	12	1000	12
HPM-20/20C	15.3	300	4.6
HPM-25	.4	250	.1
HPM-30	.9	250	.225

Table 2 (Continued):

TYPE/WATTS	nCi	QUANTITY	Total uCi
HPM-1001	12.5	250	3.125
HPM-2010	16	250	4
HPM-3000	11	250	2.75
HPM-4000	.1	250	.025
HPM-4020	17	250	4.250
HPA-400	12.5	500	6.2
HPA-400/305(C)	9	250	2.25
HPA-400/305A	5	500	2.5
HPA-1000/100S	.6	200	.12
HPA-1200S	17	250	4.250
HPA-1000/20	.3	250	.075
HPA-1200R	.4	250	.100
HPA-2000	1.2	250	.3
HPA-200R	.2	200	.040
HPA-2000S	.2	250	.05
HPA-1001R	12.4	250	3.10
HPA-2010R	16	250	4
HPA-3000R	11	250	2.75
HPA-4020R	17	250	4.25
HPA-419R	9	250	2.25
HPA-1019R	18	250	4.5
HPA-5005R	48.02	250	12

Table 3 :

WAREHOUSE LOCATIONS	
1)	Docks Corner Rd., South Brunswick N.J.
2)	4875 West Park Dr., Atlanta GA
3)	601 Meadowlands Blvd., Meadowlands PA
4)	Hoult Rd., Fairmont W.V.
5)	1435 Bradley Lane, Carrollton TX
6)	7800 District Blvd., Bakersfield CA
7)	440 N. Medinah Rd., Roselle IL
8)	23rd St. & Duss Ave., Ambridge PA
9)	3861 South 9th St., Salina KS
10)	Crestwood Industrial Park, 1 Moran Dr., Mountain Top PA

The total increase in loading is estimated to be 830.5 micro curies or .830 mCi. It should be noted that the 400 watt MSR lamp contains approximately 625 nCi. This represents an increase in maximum individual unit loading. We hereby apply for an amendment to reflect the changes in location, an increase of 830.5 micro curies and an increase to 625 nano curies maximum per lamp.

If you have any questions please do not hesitate to contact me at (908) 563-3197.

Very truly yours,

Paul Walitsky

Paul Walitsky, CHMM
Radiation Safety Officer
Manager of Environmental Affairs

cc: Susan Greene, NCR Washington D.C.

MERCANTILE BANK

Mercantile Bank of St. Louis N.A.

PHILIPS
PHILIPS LIGHTING COMPANY
 PHILIPS SQUARE 200 FRANKLIN SQ. DRIVE P.O. BOX 6800 SOMERSET, NJ 08875-6800

MORGAN BANK (DELAWARE)
 WILMINGTON, DE 19801

9999-92

CHECK DATE: 05/28/92
 CHECK NUMBER: 9A-637184

AMOUNT: \$400.00

PAY TO THE ORDER OF
 U S NUCLEAR REGULATORY COMM.
 LICENSE FEE & DEBT
 COLLECTION BRANCH, DIV.
 P.O. BOX 954514
 ST LOUIS MO 63195-4514

⑆637184⑆ ⑆031100238⑆ 230 18 362⑆ ⑆0000060000⑆



PHILIPS

VENDOR NUMBER

07-708545

Philips Lighting

CHECK DATE

CHECK NUMBER

05/28/92

9A-637184

PHILIPS SQUARE, 200 FRANKLIN SQ. DRIVE, P.O. BOX 6800, SOMERSET, NJ 08875-6800 • 001-563-3000

INVOICE DATE	INVOICE NUMBER	BATCH/VOUCHER NUMBER	GROSS AMOUNT	DISCOUNT AMOUNT	NET AMOUNT
05/21/92	AMENDMNT	92177 41580	600.00	.00	600.00
Do Not Print					
63					
DETACH HERE					
					NT AMOUNT
					TOTAL NET AMOUNT
					.00
					600.00

560
3000

31 350

313 550

8900
-600
8300



PHILIPS

Philips Lighting

September 14, 1992

U.S. Nuclear Regulatory Commission
License Fee and Debt Collection Branch
Mail Stop MNBB 4503
Washington, D.C. 20555

Enclosed please find a check in the amount of \$300.00 for license renewal fee. License #s 29-20609-02E and 29-20609-03.

Thank You.

Sincerely,

Paul Walitsky/kc

Paul Walitsky, CHMM
Manager, Environmental Affairs

Philips Lighting Company

A Division of North American Philips Corporation
200 Franklin Square Drive • P.O. Box 6800
Somerset, New Jersey 08875-6800

U.S. NUCLEAR
COMMISSION

92 SEP 16 49:00



PHILIPS LIGHTING
OFFICIAL SPONSOR
1992 U.S. OLYMPIC TEAM

AUG 25 1992

Philips Lighting
Attn: Paul Walitsky, CHMM
Radiation Safety Officer
Manager of Environmental Affairs
200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875-6800

Gentlemen:

This refers to your letter dated July 14, 1992, and letter received July 7, 1992, for amendments to Materials Licenses 29-20609-03 and 29-20609-02E.

We received your check for \$600. Your request, however, is subject to amendment fees totaling \$900 as specified in fee Categories 3B (\$550) and 3I (\$350) of \$170.31, 10 CFR 170, which went into effect August 9, 1991. A copy of the July 10, 1991, Federal Register notice regarding the revisions to the Commission's license and annual fee regulations (10 CFR 170 and 10 CFR 171) is enclosed.

Please note that effective August 9, 1991, materials licensees are also subject to the annual fees specified in revised 10 CFR 171. Payment of the additional \$300 fee should be made to the U.S. Nuclear Regulatory Commission and mailed to the following address:

U.S. Nuclear Regulatory Commission
ATTN: Sandra Kimberley
License Fee and Debt Collection Branch, OC/DAF
Mail Stop MNBB 4503
Washington, DC 20555

Your application will be processed by the Region I Licensing staff located at 475 Allendale Road, King of Prussia, Pennsylvania 19406. The fee, however, is required prior to issuance of the amendments. When submitting the additional fee, please refer to CONTROL NUMBERS 116913 and 021419.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application and will void this action.

Sincerely,



Sandra Kimberley
License Fee and Debt Collection Branch
Division of Accounting and Finance
Office of the Controller

Enclosure:
July 10, 1991, Federal Register notice

cc: Region I
Susan Greene, HQS

DISTRIBUTION

Pending Fee File
OC/DAF R/F
LFDCB R/F (2)

OFFICE: OC/LFDCB
NAME: Brown
DATE: 8/25/92

OC/LFDCB *SK*
SKimberley
8/25/92

OC/LFDCB *M*
MMessier
8/25/92

IAO 01\B:PHILIPSL.mer

BETWEEN:

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PROGRAM CODE: 03214
STATUS CODE: 0
FEE CATEGORY: 35
EXP. DATE: 19960630
FEE COMMENTS: -----
DECOM FIN ASSUR REQD: N

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A. REGION

2. PEG ATTACHED
AMOUNT: \$46
CHECK NO.:

3. COMMENTS

SIGNED Refecco Jr. Devere
DATE 3/9/93

3. OTHER

SIGNED B. J. [Signature]
DATE 8/17/94