

License Nos.: 37-00030-02
37-00030-08

Docket Nos.: 03005980
03005982

Safety Light Corporation

Title: United States Radium Corp License Nos. GL 122, 37-00030-10G, and 29-13537-02G

These documents are Exhibit No. 3 to NRC Staff's Motion for Summary Disposition As To NRC Jurisdiction Over USR Industries, Inc., USR Lighting, Inc., USR Chemical Products, Inc., USR Metals, Inc., and USR Natural Resources, Inc., dated June 30, 1992 (ML040230156) and NRC Staff's Statement of Undisputed Material Facts As to Which No Genuine Issue Remains (ML040230151)

List of all Exhibits at ML040220785.

Tab. 3
Staff Exh. 3

**U. S. ATOMIC ENERGY COMMISSION
PRODUCT MATERIAL LICENSE**

GL 122

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, relating to the Possession and Use of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and use such byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Name	United States Radium Corporation Radioactive Products	3. License number
2. Address	4150 Old Berwick Road Ebensburg, Pennsylvania	4. Expiration date
		5. Reference No.
		6. Byproduct material (element and mass number)
		7. Chemical and/or physical form
		8. Maximum amount of radioactivity which licensee may possess at one time
		9. Authorized use

1. Name United States Radium Corporation
Radioactive Products

2. Address 4150 Old Berwick Road
Ebensburg, Pennsylvania

3. License number **GL 122**

4. Expiration date **May 31, 1963**

5. Reference No. **37-30-2**

6. Byproduct material
(element and mass number)

Hydrogen 3

7. Chemical and/or physical form

Any

8. Maximum amount of radioactivity
which licensee may possess at
one time

**As limited by AEC License
37-30-2.**

9. Authorized use

Pursuant to Section 30.24(j), 10 CFR 30, the licensee is authorized to manufacture the sealed self-luminous sources listed in Condition 10 below, and when such sources have been manufactured, tested, and labelled in accordance with the provisions of this license and sections 30.24(j) and 30.25 of 10 CFR 30, to distribute the sources to persons generally licensed pursuant to Section 30.21(d) of 10 CFR 30.

CONDITIONS

~~Model and source specified in the technical part of this license shall be distributed under the following conditions:~~

10. The sealed self-luminous source models listed below are authorized for distribution pursuant to Item 9 of this license.

- | | | |
|-----------|-------------------|--|
| LAB 733 | LAB 243-3 (REV.A) | LAB 252B-4 (REV.A) |
| LAB 659-1 | LAB 655-1 ✓ | LAB 577 LAB 577-A |

11. Sealed self-luminous sources distributed under this license shall not contain more than four curies of Hydrogen 3 per source.

12. This license does not authorize the export of Hydrogen 3 or of units containing Hydrogen 3 except as provided in paragraph (b) of Section 30.33 of 10 CFR, Part 30.

(See page 2)

13. Except as provided in Condition 1 below, each sealed self-luminous source distributed under this license shall bear a durable clearly visible label containing the radiactive caution symbol in conventional colors of purple or magenta on a yellow background; the words "Caution Radioactive Material;" a statement of the isotope and quantity contained in the source; the manufacturer's name or symbol; the sealing date; and the following statements:
- (a) "This placard has been manufactured by U. S. Radium Corporation pursuant to AEC License No. GL 122 and is generally licensed pursuant to Section 30.21(d) of 10 CFR 30 only for use as an aircraft safety device. No other transfer, use, or disposal may be made except by return to the manufacturer or by transfer to another person specifically licensed by AEC to receive such a device.
 - (b) "DO NOT DISASSEMBLE. Maintenance or repairs of this device which involve disassembly shall be performed only by the manufacturer or by another person specifically licensed by the Atomic Energy Commission to perform such services.
 - (c) "Removal of this label is prohibited by regulations of the U. S. Atomic Energy Commission."
14. Notwithstanding the requirements of Condition 13, sealed self-luminous sources distributed under this license which are too small to bear a label containing the statements listed in subitems (a), (b), and (c) of Condition 13, and which contain no more than 50 millicuries of Tritium, may be distributed without labels which contain those statements provided the licensee includes in each container in which such sealed self-luminous sources are transferred to general licensees a leaflet containing the statements prescribed in subitems (a) and (b) of Condition 13.
15. The licensee shall file an annual report with the Director, Division of Licensing and Regulation, Atomic Energy Commission, Washington 25, D. C. which shall state the total quantity of Tritium transferred to persons generally licensed under Section 30.21(d) 10 CFR, Part 30. The report shall identify each general licensee by name, state the kinds and numbers of sealed self-luminous sources transferred, and specify the quantity of Tritium in each kind of device. Each report shall cover the year ending June 30, and shall be filed within thirty (30) days thereafter.

Date _____

MAY 16 1962

Copy Provided
Compliance

1. Nicolson / Allen

U.S. 122
5/16/62

For the U. S. Atomic Energy Commission

Original Signed By
James R. Masonby *JRM* Isotopes BranchU.S. 122
Division of Licensing and Regulation
Washington 25, D. C.

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 32, 33, and 35, and in reliance on statements and representations heretofore made by the licensee, this license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Name: United States Radium Corporation		3. License number 37-00030-10G
2. Address: Radioactive Products 4150 Old Berwick Road Bloomsburg, Pennsylvania 17815		4. Expiration date July 31, 1972
		5. Reference No. Supersedes License No. GL-122

6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time
A. Hydrogen 3	A. Any	A. Not applicable

9. Authorized use

A. Pursuant to Section 32.53, Title 10, Code of Federal Regulations, Part 32, the licensee is authorized to manufacture the sealed self-luminous sources listed in Condition 10 below subject to the conditions and limitations contained herein, and when such sources have been manufactured pursuant to the terms of this license and Section 32.53 of 10 CFR 32, to distribute such sources to persons generally licensed pursuant to 31.7, 10 CFR 31 or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The sealed luminous sources listed below are authorized for distribution pursuant to Item 9 of this license:

- | | | |
|--------------------|--------------------|------------|
| A. LAB 659-1 | LAB 284-3 (Rev. A) | LAB 577-A |
| LAB 753 | LAB 755 | LAB 775 |
| LAB 754 | LAB 783 | LAB 252SB6 |
| LAB 776 | LAB 777 | |
| LAB 252-4 (Rev. A) | | |

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

License Number 37-00030-10G

CONDITIONS

10. Continued

B. The legend on the faces of the following sources may be changed by the licensee:

LAB 733	LAB 600-9B-1	LAB 758-H
LAB 655-1	LAB 600-5B-1	LAB 758-H-1
LAB 600-1B-1	LAB 600-4B-1	LAB 600-2B-1
LAB 600-1A-1, Rev. B	LAB 753, Rev. A	LAB 600-10B-1
LAB 758-D3	LAB-758-D4	LAB 758B
LAB 862		LAB 758-15
LAB 863		LAB 602
LAB 864		

11. Sealed self-luminous sources distributed under this license shall not contain more than eight curies of hydrogen 3 per source.

12. This license does not authorize the export of Hydrogen 3 or of units containing Hydrogen 3 except as provided in Section 36.21, 10 CFR 36.

13. A. Except as provided in Condition 14 below, each sealed self-luminous source distributed under this license shall bear a durable, clearly visible label(s) containing the radiation caution symbol in conventional colors, magenta or purple on yellow background; the words CAUTION (or DANGER) - RADIOACTIVE MATERIAL; the identity and quantity of radioactive material contained in the source; the manufacturer's name or symbol; the sealing date; and the following statements:

1. "Made under U. S. AEC License Number 37-00030-10G. Generally licensed under 10 CFR 31.7 as aircraft safety device only."
2. "DO NOT DISASSEMBLE OR DISCARD. This device may not be transferred except to manufacturer or to other persons specifically authorized by the U. S. AEC or an Agreement State to receive it."

B. Each label required by this condition shall contain the statement "Do not remove label."

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSESupplementary Sheet
CONDITIONS

License Number 37-00030-10

(Continued)

14. Notwithstanding the requirements of Condition 13 above, sealed self-luminous sources distributed under this license which are too small to bear a label containing the statements listed in Subitems A and B of Condition 13, and which contain no more than 500 millicuries of tritium, may be distributed without labels which contain those statements, provided the licensee includes in each container in which such sealed self-luminous sources are transferred to general licensees a leaflet containing the statements prescribed in Subitem A of Condition 13.
15. The licensee shall report to the Director, Division of Materials Licensing, U. S. Atomic Energy Commission, all transfers of devices distributed under this license to persons generally licensed under Section 31.5, 10 CFR 31. Such report shall identify each general licensee by name and address, the type of device transferred, the quantity and type of byproduct material contained in the device, and the specific location where each device is installed. The report shall be submitted within 30 days after the end of each calendar quarter in which any such device is transferred to a generally licensed person.
16. Pursuant to Section 32.55(c), 10 CFR 32, the licensee is authorized to subject devices to the quality control procedures described in letters dated July 13 and August 5, 1965, in lieu of the quality control procedures of Section 32.55(b), 10 CFR 32.
17. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated April 17, 1962, and letters (plus enclosures) dated April 28, 1964 from H. A. Dooley; dated December 1, 1964, June 26, 1967, March 8, 1968, and August 14, 1968, from T. W. Taylor; dated April 1, 1965, from J. G. MacHutchin; dated January 11, 1965, March 10, 1965, July 12, 1965, July 23, 1965, August 5, 1965, September 30, 1965, March 17, 1966, and March 6, 1967 from C. C. Carroll; dated June 17, 1969 and October 17, 1969, from C. L. Olson.

Date October 27, 1969For the U. S. Atomic Energy Commission
Original Signed By
James C. Napano
by Isotopes BranchDivision of Materials Licensing
Washington, D. C. 20545

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 32, 33, 34, and 35, and in reliance on statements and representations heretofore made by the licensee, this license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Name	United States Radium Corporation	3. License number
2. Address	Radioactive Products P.O. Box 246 Morristown, New Jersey 07960	4. Expiration date
		5. Reference No
		Supersedes License Number GL-122 and 37-00030-10

6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioac- tivity which licensee may pos- sess at any one time
A. Hydrogen 3	A. Any	A. Not applicable

9. Authorized use

A. Pursuant to Section 32.53, Title 10, Code of Federal Regulations, Part 32, the licensee is authorized to manufacture the sealed self-luminous sources listed in Condition 10 below subject to the conditions and limitations contained herein, and when such sources have been manufactured pursuant to the terms of this license and Section 32.53 of 10 CFR 32, to distribute such sources to persons generally licensed pursuant to 31.7, 10 CFR 31 or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The sealed luminous sources listed below are authorized for distribution pursuant to Item 9 of this license:

A. LAB 659-1	LAB 284-3 (Rev. A)	LAB 577-A
LAB 753	LAB 755	LAB 775
LAB 7754	LAB 783	LAB 252SB6
LAB 776	LAB 577	
LAB 252-4 (Rev. A)		

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

23-135-70

License Number _____

CONDITIONS

10. Continued

B. The legend on the faces of the following sources may be changed by the licensee:

LAB 733	LAB 600-9B-1	LAB 758-H
LAB 655-1	LAB 600-5E-1	LAB 758-H-1
LAB 600-1B-1	LAB 600-6E-1	LAB 600-2B-1
LAB 600-1B-1, Rev. B	LAB 758, Rev. A	LAB 600-10B-1
LAB 758-D3	LAB-758-D4	LAB 758B
LAB 862		LAB 758-D5
LAB 863		LAB 602
LAB 864		

11. Sealed self-luminous sources distributed under this license shall not contain more than eight curies of hydrogen 3 per source.

12. This license does not authorize the export of Hydrogen 3 or of units containing Hydrogen 3 except as provided in Section 36.21, 10 CFR 36.

13 A. Except as provided in Condition 14 below, each sealed self-luminous source distributed under this license shall bear a durable, clearly visible label(s) containing the radiation caution symbol in conventional colors, magenta or purple on yellow background; the words CAUTION (or DANGER) - RADIOACTIVE MATERIAL; the identity and quantity of radioactive material contained in the source; the manufacturer's name or symbol; the sealing date; and the following statements:

1. "Made under U. S. AEC License Number 37-00037-10G. Generally licensed under 10 CFR 31.7 as aircraft safety device only."
2. "DO NOT DISASSEMBLE OR DISCARD. This device may not be transferred except to manufacturer or to other persons specifically authorized by the U. S. AEC or an Agreement State to receive it."

B. Each label required by this condition shall contain the statement "Do not remove label."

(Continued)

CONDITIONS

14. Notwithstanding the requirements of Condition 13 above, sealed self-luminous sources distributed under this license which are too small to bear a label containing the statements listed in Subitems A and B of Condition 13, and which contain no more than 500 millicuries of tritium, may be distributed without labels which contain those statements, provided the licensee includes in each container in which such sealed self-luminous sources are transferred to general licensee a leaflet containing the statements prescribed in Subitem A of Condition 13.
15. The licensee shall report to the Director, Division of Materials Licensing, U. S. Atomic Energy Commission, all transfers of devices distributed under this license to persons generally licensed under Section 32.5, 10 CFR 31. Such report shall identify each general licensee by name and address, the type of device transferred, the quantity and type of byproduct material contained in the device, and the specific location where each device is installed. The report shall be submitted within 30 days after the end of each calendar quarter in which any such device is transferred to a generally licensed person.
16. Pursuant to Section 32.55(c), 10 CFR 32, the licensee is authorized to subject devices to the quality control procedures described in letters dated July 23 and August 5, 1965, in lieu of the quality control procedures of Section 32.55(b), 10 CFR 32.
17. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated April 17, 1962, and letters (plus enclosures) dated April 28, 1964 from H. A. Dooley; dated December 1, 1964, June 26, 1967, March 8, 1968, and August 14, 1968, from T. W. Taylor; dated April 1, 1965, from J. C. MacHatchin; dated January 11, 1965, March 10, 1965, July 12, 1965, July 23, 1965, August 5, 1965, September 30, 1965, March 17, 1966, and March 6, 1967 from C. C. Carroll; dated June 17, 1969 and October 17, 1969, from O. L. Olson.

Date January 6, 1970

For the U. S. Atomic Energy Commission
Original Signed By
James C. Malero
Isotopes Branch

by _____
Division of Materials Licensing
Washington, D. C. 20545

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 32, 33, 34, and 35, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee			
1. Name	United States Radium Corporation	3. License number	37-00030-10G
2. Address	4150 Old Berwick Road Bloomsburg, Pennsylvania 17815	4. Expiration date	December 31, 1976
		5. Reference No.	Supersedes License Number 29-13537-02G
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time	
A. Hydrogen 3	A. Any	A. Not applicable	

9. Authorized use

A. Pursuant to Section 32.53, Title 10, Code of Federal Regulations, Part 32, the licensee is authorized to distribute the sealed self-luminous sources listed in Condition 10 below to persons generally licensed pursuant to Section 31.7, 10 CFR 31 when such sources have been manufactured pursuant to the terms of this license and Section 32.53, 10 CFR 32.

CONDITIONS

10. The sealed luminous sources listed below are authorized for distribution pursuant to Item 9 of this license:

- | | | |
|--------------------|--------------------|------------|
| A. LAB 659-1 | LAB 284-3 (REV. A) | LAB 577-A |
| LAB 753 | LAB 755 | LAB 775 |
| LAB 754 | LAB 783 | LAB 252SB6 |
| LAB 776 | LAB 577 | |
| LAB 252-4 (Rev. A) | | |

CONDITIONS

10. continued

B. The legend on the faces of the following sources may be changed by the licensee:

733	600-9B-1	758-H
655-1	600-5B-1	758-H-1
600-13-1	600-6B-1	600-2B-1
600-13-1, Rev. E.	758, Rev. A	600-10B-1
758-D3	758-D4	758B
862		758-D5
863		602
864		758-14-1
		604
		616

11. Sealed self-luminous sources distributed under this license shall not contain more than ten curies of hydrogen 3 per source.

12. This license does not authorize the export of hydrogen 3 or of units containing hydrogen 3 except as provided in Section 36.21, 10 CFR 36.

13. A. Except as provided in Condition 14 below, each sealed self-luminous source distributed under this license shall bear a durable, clearly visible label(s) containing the radiation caution symbol in conventional colors, magenta or purple on a yellow background; the words CAUTION (or DANGER) - RADIOACTIVE MATERIAL; the identity and quantity of radioactive material contained in the source; the manufacturer's name or symbol; the sealing date; and the following statements:

1. "Generally licensed under 10 CFR 31.7 as aircraft safety device only."
2. "DO NOT DISASSEMBLE OR DISCARD. This device may not be transferred except to manufacturer or to other persons specifically authorized by the U. S. AEC or an Agreement State to receive it."

B. Each label required by this condition shall contain the statement, "Do not remove label".

Supplementary Sheet

37-00030-1

License Number _____

CONDITIONS

(Continued)

14. Notwithstanding the requirements of Condition 13 above, sealed self-luminous sources distributed under this license which are too small to bear a label containing the statements listed in Subitems A and B of Condition 13, and which contain no more than 500 millicuries of tritium, may be distributed without labels which contain those statements, provided the licensee includes in each container in which such sealed self-luminous sources are transferred to general licensees a leaflet containing the statements prescribed in Subitem A of Condition 13.
15. The licensee shall report to the Director, Division of Materials Licensing, U. S. Atomic Energy Commission, all transfers of devices distributed under this license to persons generally licensed under Section 31.5, 10 CFR 31. Such report shall identify each general licensee by name and address, the type of device transferred, the quantity and type of byproduct material contained in the device, and the specific location where each device is installed. The report shall be submitted within 30 days after the end of each calendar quarter in which any such device is transferred to a generally licensed person.
16. Pursuant to Section 32.55(c), 10 CFR 32, the licensee is authorized to subject devices to the quality control procedures described in letters dated July 23 and August 5, 1965, in lieu of the quality control procedures of Section 32.55(b), 10 CFR 32.
17. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated April 17, 1962; letters (plus enclosures) dated April 28, 1964 from H. A. Dooley; dated December 1, 1964, June 26, 1967, March 8, 1968, and August 14, 1968, from T. W. Taylor; dated April 1, 1965, from J. C. MacHutchin; dated January 11, 1965, March 10, 1965, July 12, 1965, July 23, 1965, August 5, 1965, September 30, 1965, March 17, 1966, and March 6, 1967 from C. C. Carroll; dated June 1, 1969, October 17, 1969, January 5, 1970, and February 19, 1970, from O. L. Olson; dated April 22, 1970, May 19, 1970, May 6, 1970, May 27, 1970, May 28, 1970, June 23, 1970, and July 22, 1970, from T. Alden Matsubara; and telegram message dated August 3, 1970, from T. Alden Matsubara.

Date: December 13, 1971

Handwritten:
JMB
12/13/71
JMB/gac

For the U. S. Atomic Energy Commission

Original Signed By
Jack L. Bell

by Materials Branch

Division of Materials Licensing
Washington, D. C. 20545