

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

12-11184-02G

Docket or Reference number

30-04215

Amendment No. 24

Kay-Ray, Inc.
516 West Campus Drive
Arlington Heights, IL 60004

In accordance with letter dated November 2, 1984, License Number 12-11184-02G is amended as follows:

Conditions 10. and 18. are amended to read:

10. Each device distributed pursuant to the terms and conditions of this license shall be in accordance with the following table.

Device Model Number(s)	Source Model Number(s)	Isotope	Maximum Activity Per Source (Millicuries)
7050, 7050B, 7051 7051B 7052 or 7054	7700 A, B, C, D, E or F	Cesium 137	500
7062, 7052B, 7062BP, 7062H, 7062P, 7062PH, 7080B, 7103, 7104, 7105, 7106, 7107 or 7108	7700 A, B, C, or D	Cesium 137	100
7063, 7063S, 6063P 7063PS, 7063PH, 7064 or 7064P	7700 A, B, C, D, E, or F	Cesium 137	500
7064 or 7064P	Amer sham CKC.800	Cobalt 60	50
7080	7700 A, B, C, D, or E	Cesium 137	200

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

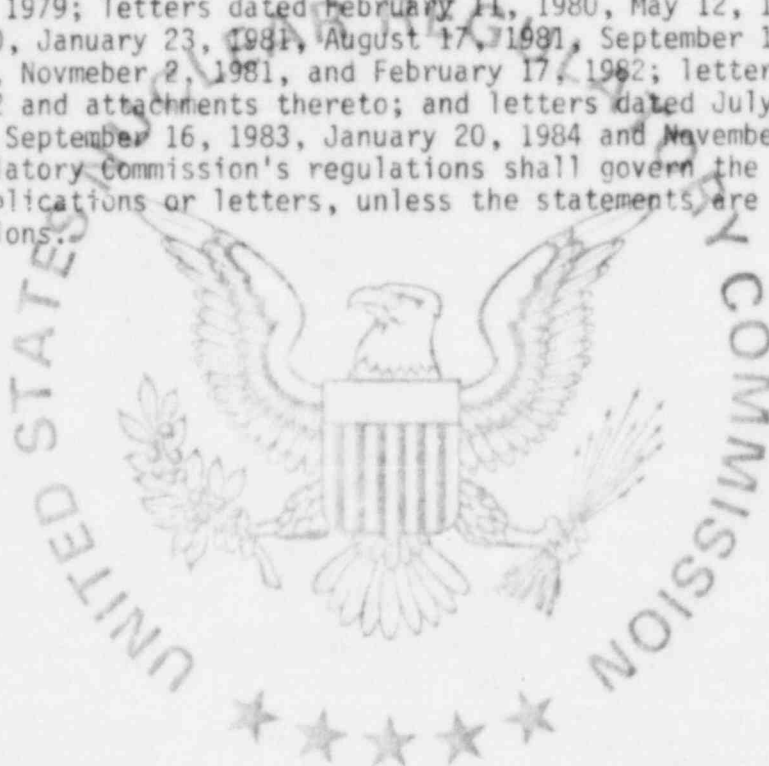
License number

12-11184-02G

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18. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in applications dated May 13, 1968, July 18, 1968, February 16, 1970, June 16, 1970, November 30, 1970, January 17, 1971, April 19, 1971, June 24, 1971, March 16, 1972, January 19, 1973, December 5, 1973, February 8, 1974 (letter from Gamma Industries), June 20, 1975, July 11, 1975, March 5, 1976, August 12, 1976, October 29, 1976, February 18, 1977, August 26, 1977, September 19, 1977, January 17, 1978, March 6, 1978, March 20, 1978, April 5, 1978, April 24, 1978, June 14, 1978, August 28, 1978, October 27, 1978, December 19, 1978, March 9, 1979 and May 18, 1979; letters dated February 11, 1980, May 12, 1980, November 24, 1980, January 23, 1981, August 17, 1981, September 10, 1981, October 19, 1981, November 2, 1981, and February 17, 1982; letter dated November 24, 1982 and attachments thereto; and letters dated July 21, 1982, August 23, 1983, September 16, 1983, January 20, 1984 and November 2, 1984. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Original Signed

By B. J. Holt

Materials Licensing Section, Region III

Date November 15, 1984

COPY



INDUSTRIAL PROCESS CONTROL EQUIPMENT

516 West Campus Drive • Arlington Heights, Illinois 60004 • (312) 259-5600 • TELEX: 281-085 • CABLE: KAYRAY

November 2, 1984

USNRC, Region III
799 Roosevelt Rd.
Glen Ellyn, IL 60137

Attention: B. J. Holt

Ref: (1) License 12-11184-01 (Copy of Section 10 enclosed)
(2) License 12-11184-02G (Copy of Section 10 enclosed)
(3) Certificate NR 412D122B dated Feb. 10, 1983
(4) Kay-Ray letter dated Feb. 1, 1983 (Copy enclosed)

Dear Ms. Holt:

As we discussed by phone on November 1, 1984, please amend Section 10 of both of our licenses (Refs. 1 and 2) to include Model 7063S and 7063PS source housings. The suffix indicates that the outer enclosure of the source housing is stainless steel instead of cold rolled steel.

Sterling Bell is going to update the certificate (Ref. 3) to include these new model designations.

Anything you can do to expedite the processing of this request will be greatly appreciated.

I'm enclosing our check for \$930 to cover all amendment fees.

Sincerely,

KAY-RAY INC.

Leslie R. Axelrod
Vice President - Research & Engineering

LRA/dk

cc: Sterling Bell
U. S. Nuclear Regulatory Commission
Material Certification and Procedures Branch
Mail Stop 396-SS
Washington, D.C. 20555

U.S. N.R.C.
LIC. FEE MGMT. BRANCH

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RECEIVED

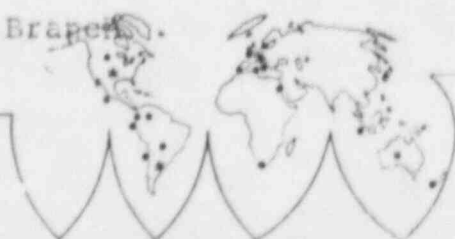
RECEIVED BY LFMB	
Date	11/16/84
Log	Nov 17 1984
By	[Signature]
Orig. To	[Signature]
Action Compl.	[Signature]

Applicant	661 7930
Check No.	35 6230 (9H 6580 amol)
Amount for	(3B \$120 amol)
Type of fee	amol
Date Check Rec'd	11/16/84
Received By	[Signature]
CONTROL NO.	7775 2 NOV 05 1984

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REGION III
NOV 5 1984

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

12-11184-01

Docket or Reference number

Amendment No. -40-

Kay-Ray, Incorporated
516 West Campus Drive
Arlington Heights, Illinois 60004

November 5, 1984

In accordance with letter dated August 18, 1963, License Number 12-11184-01
is amended as follows:

Condition 10. is amended to read:

10. Except for custom-made devices, each device distributed under this license shall be in accordance with the following table:

Device Model No.	Source Model No.	Isotope	Maximum Activity Per Source (Millicuries)
7050	Kay-Ray 7700 Series	Cesium 137	1,000
7050B	Kay-Ray 7700 Series	Cesium 137	1,000
7051	Kay-Ray 7700 Series	Cesium 137	500
7051B	Kay-Ray 7700 Series	Cesium 137	10,000
7052	Kay-Ray 7700 Series	Cesium 137	500
7054	Kay-Ray 7700 Series	Cesium 137	500
7060	Kay-Ray 7700 Series	Cesium 137	1,000
7060B	Kay-Ray 7700 Series	Cesium 137	1,000
7060GD	Kay-Ray 7700 Series	Cesium 137	1,000
7061	Kay-Ray 7700 Series	Cesium 137	10,000
7061B	Kay-Ray 7700 Series	Cesium 137	10,000
7062	Kay-Ray 7700 Series	Cesium 137	100
7062B	Kay-Ray 7700 Series	Cesium 137	100
7062HF	Kay-Ray 7700 Series	Cesium 137	100
7062H	Kay-Ray 7700 Series	Cesium 137	100
7062F	Kay-Ray 7700 Series	Cesium 137	100
7062PH	Kay-Ray 7700 Series	Cesium 137	100
7063	Kay-Ray 7700 Series	Cesium 137	2,000
7063P	Kay-Ray 7700 Series	Cesium 137	2,000
7063PH	Kay-Ray 7700 Series	Cesium 137	2,000
7064	Kay-Ray 7700 Series	Cesium 137	10,000
7064	Amer sham CNC.800	Cobalt 60	50
7064P	Kay-Ray 7700 Series	Cesium 137	10,000
7064P	Amer sham CNC.800	Cobalt 60	50
7065	Kay-Ray 7700 Series	Cesium 137	2,000
7067	Kay-Ray 7700 Series	Cesium 137	10,000
7067P	Kay-Ray 7700 Series	Cesium 137	10,000
7069	Kay-Ray 7700 Series	Cesium 137	2,000
7070	Kay-Ray 7700 Series	Cesium 137	10,000
7072	Kay-Ray 7700 Series	Cesium 137	2,500
7080	Kay-Ray 7700 Series	Cesium 137	200

7063S

2,000

7063PS

2,000

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Docket or Reference number	
Amendment No. 21	

MATERIALS LICENSE
SUPPLEMENTARY SHEET

Kay-Ray, Inc.
516 West Campus Drive
Arlington Heights, Illinois 60004

In accordance with letter dated November ^{5 1984} 24, 1982, License Number 12-11184-02G is amended as follows:

Conditions 10. and 13. are amended to read:

10. Each device distributed pursuant to the terms and conditions of this license shall be in accordance with the following table:

Device Model Numbers(s)	Source Model Number(s)	Isotope	Maximum Activity Per Source (Millicuries)
7050, 7050B, 7051 7051B, 7052 or 7054	7700 A, B, C, D, E or F	Cesium 137	500
7062, 7062B, 7062BP, 7062H, 7062P, 7062PH, 7080B, 7103, 7104, 7105, 7106, 7107 or 7108	7700 A, B, C, or D	Cesium 137	100
7063, 7063B, 7063, 7063P, 7063PH, 7064 or 7064P	7700 A, B, C, D, E or F	Cesium 137	500
7064 or 7064P	Amersham CKC.800	Cobalt 60	50
7080	7700 A, B, C, D or E	Cesium 137	200



INDUSTRIAL PROCESS CONTROL EQUIPMENT

516 West Campus Drive • Arlington Heights, Illinois 60004 • (312) 259-5600 • TELEX: 281-085 • CABLE: KAYRAY

February 1, 1983

Mr. Steve Baggett
U. S. NUCLEAR REGULATORY COMMISSION
Division of Fuel Cycle and Material Safety
Material Certification and Procedure Branch
Washington, DC 20555

Dear Steve:

Please amend both our specific license (12-11184-01) and our general license (12-11184-026) to permit us to use either cold rolled steel or stainless steel as the outer enclosure for our ~~7062 and 7063 source housings~~.

This minor modification to our design will allow us to sell nuclear gauges to a larger market than if we were limited to a cold rolled steel enclosure.

The use of stainless steel will not diminish the containment integrity of the source housing in any way. I would therefore appreciate it if you would amend our licenses at the earliest possible moment.

Sincerely,

KAY-RAY INC.

Leslie R. Axelrod
Vice President
Research & Engineering

LRA/dk

CONTROL NO. 77757

~~854244834 IP~~

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