

Georgia Department of Natural Resources

4244 International Parkway, Suite 114, Atlanta, GA 30354

Lonice C. Barrett, Commissioner
Harold F. Reheis, Director
Environmental Protection Division
404-362-2675
FAX: 404-362-2653

June 18, 2001

Mr. John W. Hickey, Chief
Materials Safety Branch
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Document Control Desk
PI-37
Washington, DC 20555

Dear Mr. Hickey:

Enclosed is a copy of the amended "Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device" for the following Device Registries:

GA 596-D-104-G, Model 8210
GA 596-D-105-G, Model 8213
GA 596-D-106-G, Model 300NDS
GA 596-D-109-G, Model 8209
GA 596-D-110-G, Model BG-V or BG-V (Air)
GA 596-D-112-G, Model Thin-1 Plus 9022
GA 596-D-113-G, Model ASM/BWM Series

Only the first page of each registry is provided since the only action for these is a name change. Other registries for this vendor are in the process of being inactivated. This name change will be incorporated during the next action. This letter is submitted as per requirements listed in All Agreement States Letter SP-96-026.

If you should have any questions, please call our office at (404) 362-2675.

Sincerely,



Eric T. Jameson
Environmental Radiation Specialist
Radioactive Materials Program

Enclosures -- ~~4~~ 7

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REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE

(Amended in its Entirety)

CORRECTED PAGE -- NAME CHANGE ONLY, June 18, 2001

NO. GA 596-D-104-G

DATE: March 15, 1983

PAGE: 1 of 6

DEVICE TYPE:

Ashgauge

MODEL:

8210

DISTRIBUTOR:

(Formerly Sentrol Systems, Inc.)
(Formerly Valmet)
(Formerly Neles)

Metso Automation USA Inc.
3100 Medlock Bridge Road, Suite 250
Norcross, GA 30071

MANUFACTURER:

Metso Automation OY
Lentokentankatu 11
SF-33101 Tampere
Finland

SEALED SOURCE MODEL DESIGNATION:

Amersham Model IEC 1337

ISOTOPE:

Iron 55

MAXIMUM ACTIVITY:

100 millicuries

LEAK TEST FREQUENCY:

6 months

PRINCIPAL USE:

(U) X-ray Fluorescence

CUSTOM DEVICE:

___ YES

 X NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE
(Amended in its Entirety)

CORRECTED PAGE -- NAME CHANGE ONLY, June 18, 2001

NO. GA 596-D-105-G

DATE: March 15, 1983

PAGE: 1 of 6

DEVICE TYPE:

Gammagauge

MODEL:

Model 8213

DISTRIBUTOR:

(Formerly Sentrol Systems, Inc.)
(Formerly Valmet)
(Formerly Neles)

Metso Automation USA Inc.
3100 Medlock Bridge Road, Suite 250
Norcross, GA 30071

MANUFACTURER:

Metso Automation OY
Lentokentankatu 11
SF-33101 Tampere
Finland

SEALED SOURCE MODEL DESIGNATION:

Amersham Model AMC 18 or AMC 19

ISOTOPE:

Americium 241

MAXIMUM ACTIVITY:

1000 millicuries

LEAK TEST FREQUENCY:

6 months

PRINCIPAL USE:

(D) Gamma Gauge

CUSTOM DEVICE:

 YES

 X NO

**REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE**

CORRECTED PAGE -- NAME CHANGE ONLY, June 18, 2001

NO. GA 596-D-106-G **DATE:** April 19, 1984 **PAGE:** 1 of 6

DEVICE TYPE: Coating Weight Gauge

MODEL: 300 NDS

DISTRIBUTOR: **Metso Automation USA Inc.**
(Formerly Sentrol Systems, Inc.) **3100 Medlock Bridge Road, Suite 250**
(Formerly Valmet) **Norcross, GA 30071**
(Formerly Neles)

MANUFACTURER: **Metso Automation OY**
 Lentokentankatu 11
 SF-33101 Tampere
 Finland

SEALED SOURCE MODEL DESIGNATION: Amersham AMC 19
 Amersham AMC 13446 (AMCL)

<u>ISOTOPE:</u>	<u>MAXIMUM ACTIVITY:</u>	
Americium 241	2 sources --	1 Curie each (or)
	1 source --	100 millicuries each

LEAK TEST FREQUENCY: 6 months

PRINCIPAL USE: (U) X-Ray Fluoresence

CUSTOM DEVICE: YES X NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES

SAFETY EVALUATION OF SEALED SOURCE

CORRECTED PAGE -- NAME CHANGE ONLY, June 18, 2001

NO. GA 596-D-109-G

DATE: October 25, 1985

PAGE: 1 of 6

DEVICE TYPE:

Low Energy X-Ray Transmission

MODEL:

8209

DISTRIBUTOR:

(Formerly Sentrol Systems, Inc.)
(Formerly Valmet)
(Formerly Neles)

Metso Automation USA Inc.

3100 Medlock Bridge Road, Suite 250
Norcross, GA 30071

MANUFACTURER:

Metso Automation OY

Lentokentankatu 11
SF-33101 Tampere
Finland

SEALED SOURCE MODEL DESIGNATION:

Amersham Model IEC 1337

ISOTOPE:

Iron-55

MAXIMUM ACTIVITY:

100 millicuries

LEAK TEST FREQUENCY:

6 months

PRINCIPAL USE:

(D) Gamma Gauges

CUSTOM DEVICE:

☐ YES

☒ NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES

SAFETY EVALUATION OF SEALED SOURCE

(Amended in its Entirety)

CORRECTED PAGE -- NAME CHANGE ONLY, June 18, 2001

NO. GA 596-D-110-G

DATE: March 23, 1995

PAGE: 1 of 5

DEVICE TYPE:

"O" or "C" Frame Beta Gauge

MODEL:

BG-V or BG-V (Air)

DISTRIBUTOR:

(Formerly Sentrol Systems, Inc.)
(Formerly Valmet)
(Formerly Neles)

Metso Automation USA Inc.
3100 Medlock Bridge Road, Suite 250
Norcross, Ga. 30071

MANUFACTURER:

Metso Automation OY
Lentokentankatu 11
SF-33101 Tampere
Finland

SEALED SOURCE MODEL DESIGNATION:

Amersham International Model KAC.D3	(Kr-85)
Amersham International Model KAC.D1	(Kr-85)
Amersham International Model SIF.D1	(Sr-90)
Amersham International Model PHC.C1	(Pm-147)
Dupont Model NER 585	(Kr-85)

ISOTOPE:

MAXIMUM ACTIVITY:

Krypton-85 (Amersham Model KAC.D1)	500 millicuries
Krypton-85 (Amersham Model KAC.D3)	800 millicuries, no single source to exceed 400 millicuries
Krypton-85 (DuPont Model NER 585)	800 millicuries, no single source to exceed 500 millicuries
Strontium-90	20 millicuries
Promethium-147	500 millicuries

LEAK TEST FREQUENCY:

6 months (Except Kr-85)

PRINCIPAL USE:

(E) Beta Gauges

CUSTOM DEVICE:

☐ YES

☒ NO

**REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE**

CORRECTED PAGE – NAME CHANGE ONLY, June 18, 2001

NO: GA 596-D-112-G

DATE: June 29, 1994

PAGE: 1 OF 7

DEVICE TYPE:

Non-Contacting Gamma Ray Gauge

MODEL:

Thin-1 Plus Model 9022

DISTRIBUTOR:
(Formerly Valmet)
(Formerly Neles)

Metso Automation USA, Inc.
3100 Medlock Bridge Road Suite 250
Norcross, Ga. 30071

MANUFACTURER

Metso Automation OY
Lentokentankatu 11
SF-33101 Tampere
Finland

SEALED SOURCE MODEL DESIGNATION:

Amersham AMC 19

ISOTOPE:

Americium 241

MAXIMUM ACTIVITY:

1000 millicuries

LEAK TEST FREQUENCY:

6 months

PRINCIPAL USE:

(D) Gamma Gauges

CUSTOM DEVICE:

___ Yes X No

(Amended in its Entirety)

NO. GA 596-D-113-G DATE: June 23, 2000 PAGE: 1 of 8

CUSTOM DEVICE: YES X NO