



January 15, 1997

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

SUBJECT: **ADDITIONAL INFORMATION**
FOR REPLY TO NOTICE OF VIOLATION

Docket Nos. 030-11205
 030-18849
 030-29080

License Nos. 37-02375-17
 13-07964-07
 13-07964-08

The following information is provided in response to your letter dated January 3, 1997. The non-compliance items noted in the Notice of Violation dated October 7, 1996 were corrected prior to our initial response on November 7, 1996.

With regard to your question about the source activity in our NDS Model 200 generally licensed metal coating thickness gauges, we have attached a copy of the radioactive material licensee held by Valmet Automation, Control Systems Division, of Norcross, Georgia. Items S.2. and S.4. of the license cover the gauges in question. Each of these gauges have two (2) 1000 mCi Am-241 sources, plus a single 1 mCi Am-241 check source. Please let us know if you need more information.

Sincerely yours,

Dean R. Larson Ph.D. CSP CEM
Radiation Safety Officer
Department Manager
Safety & Industrial Hygiene

bwk/
attachment

cc: Regional Administrator
 NRC Region III

9701270020 970115
PDR ADOCK 03011205
C PDR



1/1
10/7

Georgia Department of Natural Resources

4244 International Parkway, Suite 114, Atlanta, Georgia 30354

Lonice C. Barrett, Commissioner

Harold F. Reheis, Director

Environmental Protection Division

404/362-2675

**RADIOACTIVE MATERIALS PROGRAM
GEORGIA RADIOACTIVE MATERIALS LICENSE**

Pursuant to the Georgia Radiation Control Act O.C.G.A. 31-13 (H.B. 947) 1990 and the Georgia Department of Natural Resources Rules and Regulations, designated Chapter 391-3-17, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess, and use the radioactive material(s) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the Georgia Department of Natural Resources and orders issued by the Department, now or hereafter in effect, and to any condition specified below.

Page 1 of 10 Pages

License Number GA 458-3G

Amendment Number .35

Corrected Copy

License (1. Name and 2. Address)

Valmet Automation (USA), Inc.
3100 Medlock Bridge Road
Suite 250
Norcross, Georgia 30071

3. In accordance with electronic letter dated
September 4, 1996 License Number GA 458-3G is
amended in its entirety to read as follows:

4. **Expiration Date:** September 30, 1998

5. **Telephone Number:** (770) 446-7818

**6. RADIOACTIVE
MATERIAL (ELEMENT
AND MASS NUMBER)**

A. Americium-241

B. Iron-55

C. Krypton-85

D. Strontium-90

E. Promethium-147

F. Hydrogen 3

**7. CHEMICAL AND/OR
PHYSICAL FORM**

A. Sealed Sources

B. Sealed Sources

C. Sealed Sources

D. Sealed Sources

E. Sealed Sources

F. Foils

**8. MAXIMUM QUANTITY
LICENSEE MAY POSSESS
AT ANY ONE TIME**

A. Not Applicable

B. Not Applicable

C. Not Applicable

D. Not Applicable

E. Not Applicable

F. Not Applicable

9. AUTHORIZED USE

A. through E.

Pursuant to (11)(d) of the Department of Natural Resources Rule 391-3-17-.02, the licensee is authorized to manufacture and distribute the devices listed in Condition 10, parts A.1 through M.3 of this license to persons generally licensed pursuant to (6)(c) of Georgia Department of Natural Resources Rule 391-3-17-.02 or equivalent provisions of the regulations of any Agreement State or the U. S. Nuclear Regulatory Commission; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.

Georgia Department of Natural Resources**Radioactive Materials License****Supplementary Sheet**

Page 2 of 10 Pages

License Number GA 458-3G

Amendment Number .35

Corrected Copy**Authorized Use (continued)**

- A. through F. Pursuant to (11)(d) of the Department of Natural Resources Rule 391-3-17-.02, the licensee is authorized to distribute the devices listed in Condition 10, parts N.1 through W of this license to persons generally licensed pursuant to (6)(c) of Georgia Department of Natural Resources Rule 391-3-17-.02 or equivalent provisions of the regulations of any Agreement State or the U.S. Nuclear Regulatory Commission provided that each such device was originally manufactured and distributed by Electron Automation Systems, Inc. pursuant to New York License Number (GL) 1407-1169 as a generally licensed device; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.

CONDITIONS

10. The following table lists the equipment which Valmet Automation (USA), Inc., may distribute pursuant to the terms and conditions of this license. Column 1 lists the devices by model number and Column 2 lists the sealed source model which may be used in the gauges and isotope and maximum quantity which may be contained in the particular sealed source.

	Gauge Model	Sealed Source Model	Isotope	Maximum Activity Per Source
A.1.	Beta Gauge TB-1	American Atomics Corp. 40057B, 40057D, Amersham KAC.D1, or DuPont NER-585	Krypton-85	500 millicuries
A.2.	Beta Gauge TB-1	3M 3FIL or Amersham S1F.D1	Strontium-90	20 millicuries
B.1.	Beta Gauge BG-III	American Atomics Corp. 40057B, 40057D, Amersham KAC.D1, or DuPont NER-585	Krypton-85	500 millicuries
B.2.	Beta Gauge BG-III	3M 3FIL or Amersham S1F.D1	Strontium-90	20 millicuries
B.3.	Beta Gauge BG-III	Amersham PHC.C1	Promethium-147	500 millicuries

Georgia Department of Natural Resources**Radioactive Materials License
Supplementary Sheet**

Page 5 of 10 Pages
License Number GA 458-3G
Amendment Number .35
Corrected Copy

Condition 10 (continued)

	Gauge Model	Sealed Source Model	Isotope	Maximum Activity Per Source
Q.2.	Metal Coating Thickness Gauge model 100B	Amersham AMCX 735, XN18	Americium 241	10 millicuries
Q.3.	Metal Coating Thickness Gauge model 100B	Amersham AMCK 599	Americium 241	.15 millicuries
Q.4.	Metal Coating Thickness Gauge model 100B	Amersham AMC 62 or Du Pont NER-478C	Americium 241	1 millicurie
R.1.	Metal Coating Thickness Gauge model 100C	Isotope Products Laboratories PH-55	Iron 55	20 millicuries
R.2.	Metal Coating Thickness Gauge model 100C	Amersham AMCK 599	Americium 241	.15 millicuries
R.3.	Metal Coating Thickness Gauge model 100C	Amersham AMC 62, or Du Pont NER-478C	Americium 241	1 millicurie
S.1.	Metal Coating Thickness Gauge model 200	Amersham AMC 18 (2 each)	Americium 241	500 millicuries
S.2.	Metal Coating Thickness Gauge model 200	Amersham AMC 19, or New England Nuclear NER-479C (2 each)	Americium 241	1000 millicuries
S.3.	Metal Coating Thickness Gauge model 200	Amersham AMCL or AMCX.735, XN16	Americium 241	100 millicuries
S.4.	Metal Coating Thickness Gauge model 200	Amersham AMC 62, or Du Pont NER-478C	Americium 241	1 millicurie