

MAY 19 1993

License No. 37-28639-01
Docket No. 030-32156
Control No. 117863

Veratec
ATTN: Jeffrey W. Loss
Radiation Safety Officer
P. O. Box 20
Route 15N and Hafer Road
Lewisburg, Pennsylvania 17837

Dear Mr. Loss:

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.

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B/6

Veratec

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

Sincerely,

Original Signed By:
JoAnn V. Stambaugh

JoAnn V. Stambaugh
Nuclear Materials Safety Branch
Division of Radiation Safety
and Safeguards

Enclosures:

1. Amendment No. 01
2. Requirements for Materials Licensees
3. NRC Forms 3 and 313

DRSS:RI
Stambaugh/smh

g/s.
5/19/93



P.O. Box 20
Lewisburg, PA 17837-0020

(717) 524-2281
FAX: (717) 524-8447

March 9, 1993

United States Nuclear Regulatory
Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

To Whom It May Concern:

The Veratec Division of International Paper at Lewisburg, PA is a specific licensee of the NRC (License Number 37-28639-01). This letter is to inform you that we have shipped our only Strontium source (Sr-90, 70 mCi) back to ABB Process Automation (Accuray) for disposal. The Source Serial Number is S-1126-T from our device number 972242632.

Note that this source was used in an Accuray basis weight gauge, and the source was only "leased" by Veratec. Accuray personnel removed the source, placed it in its shipping container, and placed labels on the container. Veratec personnel placed labels on Bill of Lading and notified Accuray RSO per Accuray instructions.

Please remove this source from our specific license. If you have any questions or concerns contact Jeff Loss (RSO) at (717)524-8456.

Sincerely,

Jeffrey W. Loss, RSO
Jeffrey W. Loss

:ke
cc: D.Wilson

Log	<i>Mar 17 5</i>
Remitter	
Check No.	<i>118078</i>
Amount	<i>75.00</i>
Category	<i>FF</i>
Type of Fee	<i>FF</i>
Date Check Rec'd	<i>3/12</i>
Date Completed	<i>11</i>
By	<i>[Signature]</i>

INTERNATIONAL PAPER
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117863
MAR 16 1993

FORM STRAIGHT BILL OF LADING—Original—Not Negotiable—Domestic

SHIPPER'S NO. **60 01**

1 ABF

COMPANY

AGENTS NO.

DELIVERED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading,
AT LEWISBURG, PA. 17837 03/01 1993 FROM

INTERNATIONAL PAPER CO.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any portion of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.
 (Mail or street address of consignee—For purposes of notification only)

CONSIGNEE TO ABF PROCESS AUTOMATIC 650 ACKERMAN ROAD	
DESTINATION COLUMBUS, OHIO 43202	COUNTY
ROUTE	ORDER NO. 138105593
DELIVERING CARRIER	CAR INITIAL
NO. PKGS.	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS
	*WEIGHT (SUB. TO CAR) CLASS OR RATE CK. COL.
	Item No. 49160-Cloth, Dry goods or fabrics, subject to Item 48920: Cloth, cotton or synthetic fiber or cotton or synthetic fiber and natural fiber combined not woven nor knitted, N.O.I., in wrapped bales or rolls, in wrapped rolls in crates, in boxes or in package 2013, Over lbs. Per C.F.
1	STRONTIUM SOURCE (SR-90) 30
<p>RADIOACTIVE MATERIAL, [REDACTED], N.O.S., [REDACTED] UN2982 SEALED SOURCE, 0.07 CURIES, ISOTOPE SR-90 RADIOACTIVE II Yellow LABEL TRANSPORT INDEX 0.2, PACKAGE TYPE A</p> <p>This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation. This shipment is within the limitations prescribed for cargo-only aircraft.</p> <p>BF-1282 (4-23-83) <i>[Signature]</i> SIGNATURE</p>	
<p>*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____</p>	
<p>The fibre boxes used for this shipment conform to the specifications set forth in the box-maker's certificate thereon, and all other requirements of the Uniform Freight Classifications.</p>	
<p>PER (The signature here acknowledges only the amount prepaid) Charges Advanced: \$</p>	

ABF
 FREIGHT BILL (PRO) NO.
138105593

If charges are to be prepaid, write or stamp here, "To be Prepaid."
TO BE PREPAID

Received \$ _____ to apply in payment of the charges on the property described hereon.

Agent or Cashier

INTERNATIONAL PAPER CO.
 1100 BUCKINGHAM

SHIPPER, PER **G.H.M.**

ABF *[Signature]*
 AGENT

Permanent post-office address of shipper, **LEWISBURG PA 17837 0001**

(This Bill of Lading is to be signed by the shipper and agent of the carrier (using name))

MATERIALS LICENSE

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.

Licensee	
1. Veratec P.O. Box 20	3. License number 37-28639-01
2. Route 15N and Hafer Road Lewisburg, Pennsylvania 17837	4. Expiration date November 30, 1996
	5. Docket or Reference No 030-32156

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Krypton 85	A. Sealed sources	A. See Item 9. Not to exceed 1200 millicuries per source and 12 curies total
B. Strontium 90	B. Sealed sources	B. See Item 9. Not to exceed 70 millicuries per source and 12 curies total

9. Authorized use

A. and B. For possession and use in Kay Ray, Accuray, Ohmart, LFE, Berthold Systems, Inc., Data Measurement Corp., Flow Measurement Systems, Ronan Engineering or Texas Nuclear devices which have been evaluated and approved for licensing purposes and authorized for distribution under a license issued by the Nuclear Regulatory Commission or an Agreement State.

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REG LIC30
MATLSLICENSING PDR

CONDITIONS

- 10. Licensed material may be used only at the licensee's facilities at Route 15N and Hafer Road, Lewisburg, Pennsylvania.
- 11. A. Licensed material shall be used by, or under the supervision of, J. Loss, J. Rogers or S. Neuhard.
- B. The Radiation Safety Officer for this license is J. Loss.
- 12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders or detector cells by the licensee.
- 13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed 2 years.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number 37-28639-01

Docket or Reference number 030-32156

(13. continued)

CONDITIONS

- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen 3; or
 - (ii) they contain only a gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by Accuray. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
14. Each gauge shall be tested for the proper operation of the un-off mechanism and indicator, if any, at no longer than six-month intervals or at such longer intervals as specified by the manufacturer, not to exceed 3 years.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number	37-28639-01
Docket or Reference number	030-32156

(Continued)

CONDITIONS

15. A. Installation, initial radiation surveys, relocation, removal from service, or any similar activity with devices containing licensed material shall be performed only by persons specifically licensed by the Commission or an Agreement State to perform such services. The licensee may initially mount the device in accordance with written instructions provided by the manufacturer; however, the device may not be used until surveyed by a person specifically licensed by the Commission or an Agreement State to install gauges. The licensee may repair the electronic equipment not associated with the source or its shielding.

B. Notwithstanding Condition 15.A, those persons designated in Condition 11.A, ~~who are specifically licensed by the Commission or an Agreement State to perform such services~~

16. Prior to initial use and after installation, relocation, dismantling, alignment, or any other activity involving the source or removal of the shielding, the licensee shall assure that a radiological survey is performed to determine radiation levels around, above and below the gauge with the shutter open. This survey shall be performed only by persons authorized to perform such services by the Commission or an Agreement State. A record of the results of this survey shall be maintained.

17. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory.

18. The licensee shall not acquire licensed material in a sealed source or in a device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.

19. 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 March 13, 1991
- B. Letter dated May 10, 1991
- C. Letter dated July 15, 1991
- D. Letter dated September 24, 1991

Date NOV 25 1991

For the U.S. Nuclear Regulatory Commission
Original Signed By:
Anthony S. Kirkwood
By _____
Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406