

Olin BRASS

Somers 0196
SOMERS THIN STRIP - Box 270
WATERBURY, CONNECTICUT 06720
PHONE (203) 756-8321

'85 APR 29 P2:56

April 22, 1985

U. S. Nuclear Regulatory Commission
Director of Nuclear Materials
Safety and Safeguards
Washington, D. C. 20555

Subject: Memorandum for record: The transfer of two (2) Strontium 90 sealed radioisotope sources (identified below) to AccuRay Corporation, Columbus, Ohio NRC License No. 34-00244003.

Reference:

<u>Isotope</u>	<u>Source Serial No.</u>	<u>Source Model</u>	<u>Quantity</u>
Sr-90	S-357-G	S-2	20 mCi
Sr-90	S-466-K	S-14	25 mCi

Gentlemen:

Physical Form

The sources were removed from their frames. Source S-466-K was placed in a "health shield" after removal from its shutter assembly. The other source S-357-G was left in the shutter assembly. Both units were placed in separate cardboard boxes. These boxes were placed in another cardboard box with packing material to reduce movement. This packaging conforms to a type "A" package. The package was placed on a 4 x 4 skid and banded in two directions, with 5/8" steel strap.

The above packaging was physically done by AccuRay Corporation, Mr. Jim Pulaski. Somers placed box on skid and banded same.

Two yellow II labels were affixed on opposite sides of the package with the isotope and the source activity identified on each label. The highest level found on the outside surface of the package was 0.2 rems per hour when measured by a Vectorine, Model 491, survey meter.

The skid was shipped April 8, 1985 via Smith's Transfer, Bill of Lading enclosed. A letter from AccuRay (attached) dated April 16, 1985 indicates that the sources were received in good condition by AccuRay. Also enclosed is the Certificate of Disposition of Materials, NRC Form 314.

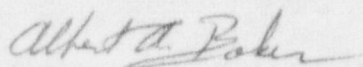
440123
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PDR RC *
SSD PDR

April 22, 1984

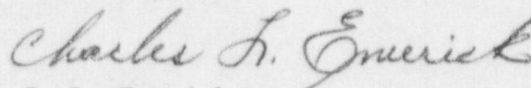
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Very truly yours,

SOMERS THIN STRIP
Brass Group
Olin Corporation



Prepared by: Albert A. Baker
Plant Engineer



Signed by: C. L. Emerick
Chief Engineer

AAB/CLE/et
Enclosures

cc: U. S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

State of Connecticut
Department of Environmental Protection
State Office Building
Hartford, CT 06115
Attn: Mr. Donald Karn
Radiation Control Physicist
Radiation Unit

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

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Original Bill of Lading.

Shipper's No. 31253

SMITH'S TRANSFER

Carrier's No.

(Name of Carrier)

Waterbury, Conn.

APRIL 8, 19 85

From

SOMERS THIN STRIP/BRASS GROUP
OLIN CORP.

The property described below, in apparent good order, except as noted in contents and condition of contents of packages unknown, marked, numbered, and destined as indicated below, which said carrier (the word carrier 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 route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any 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 terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to ACCURAY CORP 650 ACHERMAN ROAD

(Mail or street address of consignee—For purposes of notification only.)

Destination COLUMBUS, State OHIO

County Delivery Address ★
(★ To be filled in only when shipper desires and governing tariffs provide for delivery thereto.)

Route

Delivering Carrier Car or Vehicle Initials No.

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	WEIGHT (Subject to Correction)	Class or Rate	Check Column	Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse to the assignor, the assignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
1	PALLET RADIOACTIVE MATERIAL +	8.7	LBS		
	NOS. UN 2982; SOURCE .045 CURIES;				
	ISOTOPE SR 90				
	YELLOW II LABEL TRANSPORT INDEX-.2				
	PACKAGE TYPE A				
	NOTE: LABEL ATTACHED (# 2 COPY--TO DRIVER)				

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 or ship.
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

The bill of lading used for this shipment conforms to the specifications set forth in the bill of lading's certificate thereon, and all other requirements of the Consolidated Freight Classification.

SOMERS THIN STRIP/BRASS GROUP
OLIN CORP. Shipper, Per J.F. HALL

Permanent post-office address of shipper.

Waterbury, Conn. 06720
BLI-6/89

Agent, Per

RADIOACTIVE MATERIAL, SPECIAL FORM, N.O.S., UN2974, UN2982
SEALED SOURCE, .045 CURIES, ISOTOPE SR 90
RADIOACTIVE YELLOW II LABEL
TRANSPORT INDEX .2, PACKAGE TYPE A

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.

BF-1282 (4-23-83)

SIGNATURE