



The Schiffler Cancer Center
Gregory S. Merrick, M.D., Director
Phone: (304) 243-3490
Fax: (304) 243-5047 / (304) 243-7110

SchifflerCancerCenter@wheelinghospital.org

20 April 2010

Wheeling Office
1 Medical Park
Wheeling, WV 26003
(304) 243-3490

Janice Nguyen
U.S. NRC Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Q-4

Re: License No. 47-05322-02
Docket No. 030-12570
Control No. 144387

Medical Staff

Gregory S. Merrick, M.D.
Jondavid Pollock, M.D., Ph.D.
Joseph G. Donzella, D.O.

Dear Ms. Nguyen:

Medical Physics

Wayne M. Butler, Ph.D.
304-243-3983 Phone
304-243-7110 Fax
wbutler@wheelinghospital.org

This letter is to verify an error in the source inventory sheets prepared by Associates in Medical Physics that I sent you earlier today.

Tapash K. Roy, Ph.D.
Amber L. Hines, M.S., CMD
Jonathan H. Lief, Ph.D.
Robert W. Galbreath, Ph.D.
Brian S. Kurko, M.S., CMD
Richard L. Anderson, RTT, CMD
Brian C. Murray, B.S., CMD
Ernest G. Butler, M.S., CMD
Zachariah Allen, M.S.

The Sr-90 eye applicator checked as continuously present up through the most recent quarter was transferred in July, 2002 to the Washoe Medical Center in Reno, Nevada. Because the Sr-90 applicator had never been calibrated to modern standards, Richard Erickson, the medical physicist at Washoe Medical Center, requested I send the applicator to the National Institute of Standards and Technology in Gaithersburg, Maryland for calibration, and NIST would send the calibrated source to Washoe.

Enclosed:

Wheeling Hospital authorization to dispose of the source by transfer
Nevada Radioactive Material License for Sr-90 at Washoe Medical Center
Cover letter to Chris Soares at NIST
FedEx shipping document, Packing List, and Dangerous Goods Declaration

Administrative Coordinator

Michele R. Doan

The New England Nuclear strontium-90 beta source was the only eye applicator ever possessed by the Schiffler Cancer Center. It had never been used clinically from the time I began working here in June, 1985 until its transfer to Washoe in July, 2002.

Administrative Assistant

Jill Ernest

Best regards,

Physical Rehabilitation

John DeBlasis, M.S., PT, ATC

SELECT Research Nurse

Jayne Nardo, R.N.

Wayne M. Butler, Ph.D.

144387

NMSS/RGN1 MATERIALS-002

DISPOSAL OF SURPLUS EQUIPMENT

New England Nuclear Strontium-90 beta source, Model NB-1

The above described equipment from

Schiffler Cancer Center

(Department)

bearing property tag number

05869

is surplus, and approval is requested to dispose of same by:

TRADE-IN

TRANSFER TO

Washoe Medical Center, Reno, NV 89520

SALE

DONATION TO

SCRAP

RECOMMENDATION:

APPROVED

DISAPPROVED

David V. McGehee
Administrator/Associate Administrator



NEVADA STATE HEALTH DIVISION
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License Number 16-12-0016-01

Amendment No. 64

Washoe Medical Center
77 Pringle Way
Reno, Nevada 89520

In accordance with letter dated January 23, 2002, signed by Kim Lewis, Nevada Radioactive Material License No. 16-12-0016-01 is amended as follows:

TO ADD

Items 6, 7, 8 and 9, Subitems O and P

- | | | |
|-------------------|-------------------------------------|----------------------|
| 6.O. Strontium 90 | 7.O. New England Nuclear Model NB-1 | 8.O. 100 millicuries |
| P. Strontium 90 | 7.P. Tracerlab Model RA-1 | 8.P. 58 millicuries |

9.O. and P. For use in eye applicators for treatment of eye disease.

TO CHANGE

Condition 17 to read:

17. The following conditions and limitations apply to use Intravascular Brachytherapy systems authorized by this license:
 - A. the authorized user, interventional cardiologist/physician, and medical physicist will receive the vendor training for use of the device.



WHEELING HOSPITAL

The Schiffler Cancer Center
1 Medical Park
Wheeling, WV 26003-6300

Glendale Office:
901 Jefferson Avenue
Glendale, WV 26038-1450
304-845-5551

New Martinsville Office:
Wetzel County Hospital
3 Benjamin Drive
New Martinsville, WV 26155-2758
304-455-8080

Radiation Oncology
Gregory S. Merrick, M.D.
Jondavid Pollock, M.D., Ph.D.
James G. Blom, M.D.

Gynecologic Oncology
Andrew P. Soisson, M.D.

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Research Associate Nurse
Sue E. Miller, BSN, RN, OCN

Physical Rehabilitation
John DeBlasis, M.S., P.T., A.T.C.

Medical Physics

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Director

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email: schifonc@wheelinghosp.com

8 Jul 02

Chris Soares – Health Physics
Room B131, Bldg. 245
National Institute of Standards & Technology
Gaithersburg, MD 20899

Dear Chris:

Enclosed is our New England Nuclear ⁹⁰Sr applicator which we are giving to the Washoe Medical Center, 77 Pringle Way, Reno, NV 89520.

Richard Erickson would like you to calibrate the source using their hospital's PO number 1102679 and forward the source on to them using their FedEx account number [REDACTED]

Best regards,

Wayne M. Butler, Ph.D.



Invoice Number: 5-083-95240
Invoice Date: Jul 24, 2002
Account Number: None
Page: 4 of 4

FedEx Express Ship Date Detail (Rebill)

Picked up: Jul 09, 2002 **Payor: Shipper** **Reference: NO REFERENCE INFORMATION** **FedEx Internal Use: 000006650/01608/_/_**

- This charge was initially billed to a different payor who has requested this charge be billed to your account.
- Fuel Surcharge - FedEx has applied a fuel surcharge of 2.50% to this shipment.
- Distance Based Pricing, Zone 3

Tracking ID	833253812903	Sender		Recipient	
Service Type	FedEx Priority Overnight	W BUTLER MD		C SDARES	
Package Type	Customer Packaging	WHEELONG HOSPITAL		NATIONAL INST OF STANDARDS & T	
Zone	3	MEDICAL PK		ROOM B131 BLDG 245	
Pieces	1	WHEELING WV 26003 US		GAITHERSBURG MD 20899 US	
Weight	10.0 lbs, 4.5 kgs				
Delivered	Jul 10, 2002 08:42				
Service		Transportation Charge			28.25
Area Code	A2	Non-Account Billing Charge			10.00
Signed by	A.PERKINS	Inaccessible Dangerous Goods			30.00
Bundle ID	000	Rebill Fee			10.00
		Fuel Surcharge			0.71
		Courier Pickup Charge			4.00
Total Transportation Charges					USD \$ 82.96
Ship Date Detail Subtotal					USD \$ 82.96



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email: schifonc@wheelinghosp.com

8 Jul 02

PACKING LIST

RADIOACTIVE MATERIALS

This package contains a sealed source material used during the administration of brachytherapy using beta radiation. The following table summarizes the identity and quantity of radionuclide being shipped.

Isotope	Number instruments	Activity/source (mCi)	Total activity (mCi)	Total activity (GBq)
Sr-90	1	100	100	3.70
				<i>0.037 GBq / mCi</i>

A wipe test of the external surface of the package reveals that removable contamination is less than 6,600 dpm/300 cm².

The radiation exposure level measured with a low level survey meter shows that the maximum exposure rate at the surface of the package is 2.0 milliröntgens per hour (2.0 mR/hr), and the rate at 1 meter from the container is 0.1 mR/hr qualifying the package for a YELLOW-II label.

Based on the statements and measurements above, this package conforms to the conditions and limitations specified in 49 CFR 172 for radioactive material, N.O.S., 7, UN2982.

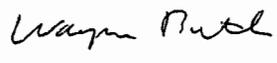
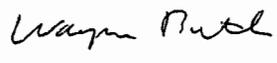
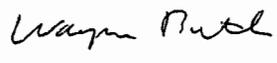
Certified by,

Wayne M. Butler, Ph.D.
Medical Physicist

Date

DELL:\admin\N125Pack.lwp

SHIPPERS DECLARATION FOR DANGEROUS GOODS

SHIPPER: Wheeling Hospital 1 Medical Park Wheeling, WV 26003-6300	AIR WAYBILL NO. Page 1 of 1 pages					
CONSIGNEE: Chris Soares – Health Physics Room B131, Bldg. 245 National Institute of Standards & Technology Gaithersburg, MD 20899	SHIPMENT DATE: 8 Jul 02					
TRANSPORT DETAILS This shipment is within the limitations prescribed for: <table style="width: 100%; border: none;"> <tr> <td style="width: 25%; border: none;">PASSENGER AND CARGO AIRCRAFT</td> <td style="border: 1px solid black; text-align: center;">Airport of Departure:</td> </tr> </table>	PASSENGER AND CARGO AIRCRAFT	Airport of Departure:	WARNING Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.			
PASSENGER AND CARGO AIRCRAFT	Airport of Departure:					
Airport of Destination:	Shipment type: RADIOACTIVE					
NATURE AND QUANTITY OF DANGEROUS GOODS						
<i>Proper shipping name</i>	<i>Product description, radionuclide, chemical and physical form</i>	<i>Quantity</i>	<i>Activity (mCi)</i>	<i>Total activity (mCi)</i>		
Radioactive material, N.O.S., 7, UN2982	Strontium-90 as solid silicate glass Sealed in stainless steel applicator	1	100	100		
Type A package, 30 cm diameter x 34 cm tall		Yellow II, TI = 0.1				
Additional handling information:		SHIPMENT IS INTENDED FOR CALIBRATION FOR THERAPEUTIC PURPOSES ON HUMANS. EMERGENCY CONTACT TELEPHONE No. 1-877-807-4585				
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center; width: 50%;">  Wayne M. Butler, Ph.D. Medical Physicist Wheeling, WV </td> <td style="text-align: right; width: 50%; vertical-align: bottom;"> 8 Jul 02 </td> </tr> </table>			 Wayne M. Butler, Ph.D. Medical Physicist Wheeling, WV	8 Jul 02
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