

COLUMBIA HOSPITAL FOR WOMEN  MEDICAL CENTER

September 3, 2002

Pamela Henderson
Nuclear Regulatory Commission

Dear Ms. Henderson:

This letter confirms the presence of the same amount of calibration sealed sources in our hot lab and the same amount of brachytherapy sealed sources at Columbia Hospital for Women Medical Center that are listed in the May 13, 2002 report by Kruger Gilbert Health Physics, Inc. (see accompanying document). Ms. Wendy Charlton, the health physicist from Kruger Gilbert was at our facility this morning and confirmed the source inventory (report labeled September 3, 2002). A leak test was done during the May 13, 2002 visit. Kruger-Gilbert will be doing the closeout survey of the Nuclear Medicine Department and the Brachytherapy Source Storage Area inclusive of decontamination (if necessary) and decommissioning, once the material has been removed.

The hot lab is located within our nuclear medicine lab. The room is locked, but not numbered. Further the nuclear medicine lab is locked. The brachytherapy room is a locked room located in the radiology department across from the radiology director's office. The sources are located within a container which has drawers designed to contain the sources. The radiation safety officer and other radiology staff left Columbia employment on June 30, 2002. Shortly after that time the locks to the Radiology entrance were changed. Only two people have keys to this area. Therefore, all sources are secured from unauthorized removal and access.

I have contacted Mr. David Wellner of RSO, Inc., a licensed waste disposal firm which will be disposing the above sources. Mr. Wellner tells me that a disposal date of September 16, is ambitious given the permit and letter given permission to bury that have to be obtained. I will submit a revised schedule once one is finalized with RSO, Inc.

Please feel free to contact me at (202) 293-6511 if you have further questions.

Sincerely,



Robin Newton, M.D.
Executive Vice President Clinical Affairs and
Chief Operating Officer

June 5, 2002

Facility: Columbia Hospital For Women Medical Center
Washington, DC

*NucMed
Hot Lab*

SEALED SOURCE INVENTORY
AND LEAK TEST CERTIFICATE

Conducted: May 13, 2002

Leak test procedure: Wipe external surface of container and analyze in Ludlum well detector (2 x 2 inch NaI). Counting time will be dependent upon background levels and selected so that a minimum detectable activity of 0.001 μCi is obtainable. Detailed procedures, results and equipment quality control results are on file at the office of Krueger-Gilbert Health Physics, Inc.

(SOURCES IN USE) Hot Lab

<u>Isotope</u>	<u>Manufacturer Serial No.</u>	<u>Activity/ Calibration Date</u>	<u>Leak Test Results Removable Activity (μCi)</u>
Cs-137 (rod)	Dupont	0.109 μCi 11/09/89	Inventory only
Cs-137 (vial)	NES 356 S356013-046	209 μCi 11/13/89	Less than 0.001
Cs-137 (button)	Isotope Products Labs 486-20	10 μCi 03/01/95	Inventory only
Co-57 (rod)	North American Scientific A4633	47.20 kBq 03/01/96	Inventory only
Co-57 (rod)	Isotope Products Labs 559-77	108.8 nCi 03/15/97	Inventory only
Co-57 (flexible ruler)	Isotope Products Labs 572-2-8	230 μCi 11/15/97	Less than 0.001
Co-57 (vial)	Isotope Products Labs 584-2-50	5.527 mCi 02/01/98	Less than 0.001
Co-57 (flood)	Isotope Products Labs 699-37	5.0 mCi 11/01/99	Less than 0.001
Tritium Standard (rod)	Gen-Probe 6680	10 μCi 08/21/96	Inventory only

Columbia Hospital for Women Medical Center
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*Nuc. Med
Hot Lab*

SOURCES NOT IN USE (Stored within a sealed container in Hot Lab):

<u>Isotope</u>	<u>Manufacturer Serial No.</u>	<u>Activity/ Calibration Date</u>	<u>Leak Test Results Removable Activity (μCi)</u>
Co-57 (ruler)		0.22 μ Ci (assayed) 12/17/96	Inventory only
Co-57 (flexible rod)		9.48 μ Ci (assayed) 12/17/96	Inventory only
Co-57 (vial)	North American Scientific A4670	185.0 MBq 03/01/96	Inventory only
Co-57 (vial)	NES-206 S206041-108	5.3 mCi 10/04/89	Inventory only
Co-57 (vial)	CIS 970-1769	6.37 mCi 05/31/91	Inventory only
Co-57 (rod)	A0547	112.4 nCi 08/01/92	Inventory only
Co-57 (flexible rod)	W02934-1	230 μ Ci 07/01/94	Inventory only
Co-57 (vial)	Capintec S8221032-07	6.04 mCi 03/01/93	Inventory only
Co-57 (vial)	North American Scientific A2418	5.65 mCi 08/01/94	Inventory only

Any questions regarding the above should be addressed to the undersigned.

Krueger-Gilbert Health Physics, Inc.

Wendy Charlton
Health Physicist

Reviewed by: _____
Radiation Safety Officer

Date

June 5, 2002

Attention: Vatroslav Vrodolijak, M.D., Radiation Safety Officer
Facility: Columbia Hospital For Women Medical Center
Washington, DC

Brachytherapy

SEALED SOURCE INVENTORY
AND LEAK TEST CERTIFICATE

Conducted: May 13, 2002

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<u>Isotope</u>	<u>Manufacturer Serial No.</u>	<u>Activity/ Calibration Date</u>	<u>Leak Test Results Removable Activity (μCi)</u>
Cs-137	0998	5 MRE 10/15/86	Less than 0.001
Cs-137	1002	5 MRE 10/15/86	Less than 0.001
Cs-137	5078	10 MRE 08/23/84	Less than 0.001
Cs-137	5079	10 MRE 08/23/84	Less than 0.001
Cs-137	5105	10 MRE 08/23/84	Less than 0.001
Cs-137	5084	10 MRE 08/23/84	Less than 0.001
Cs-137	3402	15 MRE 08/23/84	Less than 0.001
Cs-137	3405	15 MRE 08/23/84	Less than 0.001

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Brachytherapy

<u>Isotope</u>	<u>Manufacturer Serial No.</u>	<u>Activity/ Calibration Date</u>	<u>Leak Test Results Removable Activity (µCi)</u>
Cs-137	3408	15 MRE 08/23/84	Less than 0.001
Cs-137	3410	15 MRE 08/23/84	Less than 0.001
Cs-137	2426	20 MRE 08/23/84	Less than 0.001
Cs-137	2460	20 MRE 08/23/84	Less than 0.001
Cs-137	2503	20 MRE 08/23/84	Less than 0.001
Cs-137	01254	25 MRE 04/26/88	Less than 0.001
Cs-137	01255	25 MRE 04/26/88	Less than 0.001
Cs-137 (button)	10 µCi	-	Inventory only
I-125/Am-241 (rod)	Nucleus	0.039 µCi (I-125 equiv.) 10/27/82	Inventory only
I-129	Volometron 533C		Inventory only

Any questions regarding the above should be directed to the undersigned.

Krueger-Gilbert Health Physics, Inc.

Wendy Charlton
Health Physicist

Reviewed by: _____
Radiation Safety Officer

Date



Krueger-Gilbert Health Physics, Inc.

3601 EAST JOPPA ROAD
BALTIMORE, MARYLAND 21234
(410) 665-KGHP (5447); FAX (410) 665-2074

September 3, 2002

Facility: Columbia Hospital For Women Medical Center
Washington, DC

SEALED SOURCE INVENTORY AND LEAK TEST CERTIFICATE

Conducted: September 3, 2002

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(SOURCES IN USE) Hot Lab

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 Date



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BALTIMORE, MARYLAND 21234
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September 3, 2002

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