



# Virginia Baptist Hospital

100 Rivermont Ave., Lynchburg, VA 24503-2033 804-947-4000

DL-091295\_04

Nuclear Regulatory Commission  
Attn.: David J. Collins  
101 Marietta Street, NW.  
Suite 2900  
Atlanta, GA. 30323-0199

September 12, 1995

SUBJECT: Amendment to NRC License 45-10542-02  
(Fax copy on Sept, 11, 1995)

Mr. Collins:

Please reference our NRC License No. 45-10542-02. We request an amendment to our NRC License in regards to 10 CFR Part 35.647, the five-year inspection requirements. Our cobalt-60 teletherapy unit was inspected in accordance with 10 CFR Part 35.647 at the last source change in October 1990, therefore another five-year inspection is required this October. However, we have scheduled a source exchange for the teletherapy unit for **December 1995**. The source exchange will be conducted by Neutron Products Inc. in accordance with 10 CFR Part 35.605. We request an amendment to our license to postpone the five-year inspection until after the source exchange in December. At that time, an inspection, in accordance with Part 35.647, and a full calibration, in accordance with Part 35.632, shall be completed prior to the first treatment of any patient. If you have any questions on this amendment request please call me at 804-947-4010 or FAX any questions to 804-947-7400. Thank you.

Sincerely,

Van H. McComas, MS.  
Medical Physicist / Teletherapy Physicist

256611



## Medical Physics FAX Sheet

From:

Virginia Baptist Hospital  
Radiation Oncology Department  
3300 Rivermont Ave.  
Lynchburg, VA. 24552  
Phone: 804-947-4010  
FAX: 804-947-7400

Nuclear Regulatory Commission  
Attn.: David J. Collins  
101 Marietta Street, NW.  
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Sincerely,

Van H. McComas, MS.  
Medical Physicist - Teletherapy Physicist

# ACTIVITY REPORT (RX)

10.03.1995 07:40

LFDCB

DATE	TIME	DURATION	REMOTE ID	MODE	PAGES	RESULT
09.27	14:58	02'16"	717 327 3124	G3	4	O.K.
09.27	15:06	00'13"	465942	G3	0	N.G.25
09.27	15:11	03'06"	465942	G3	1	O.K.
09.27	15:14	01'40"	6122913534	G3	1	O.K.
09.27	15:33	00'52"	804 924 0221	ECM	3	O.K.
09.27	15:52	01'12"	812 385 3967	G3	1	O.K.
09.27	16:03	00'04"		G3	0	N.G.25
09.27	16:03	01'17"	808 486 7184	G3	2	O.K.
09.27	16:05	01'22"	1 617 330 1055	ECM	4	O.K.
09.28	09:55	01'21"	614 761 6506	ECM	3	O.K.
09.28	10:22	10'17"		ECM	13	O.K.
09.28	10:41	01'17"	220181	ECM	2	O.K.
09.28	10:48	02'13"		ECM	3	O.K.
09.28	11:48	01'19"	810 777 6582	ECM	2	O.K.
09.28	11:55	01'57"	215 889 2222	G3	3	O.K.
09.28	11:59	03'20"	215 889 2222	G3	5	O.K.
09.28	17:32	01'50"	616 428 2047	G3	3	O.K.
09.28	15:17	02'50"	304 436 4139	G3	2	O.K.
09.28	15:31	02'33"	15083747799	G3	4	O.K.
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09.28	16:37	06'21"		ECM	13	O.K.
09.28	16:46	01'13"	812 385 3967	G3	1	O.K.
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09.29	14:12	00'49"	7034711165	G3	1	O.K.
09.29	15:13	02' "	9075868467	ECM	4	O.K.
10.02	14:05	01'07"	610 337 5397	ECM	3	O.K.
10.02	15:37	01'26"	7152347394	G3	2	O.K.
10.02	15:44	01'18"	8178608263	ECM	2	O.K.
10.02	16:44	01'06"	3129462600	ECM	3	O.K.
10.03	07:39	00'56"	404 331 7437	ECM	2	O.K.

**ORIGINAL RECORD COPY**

**MATERIALS LICENSE**

Amendment No. 4

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, 36, 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 purposes 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 all conditions specified below.

Licensee		In accordance with the letter dated September 12, 1995	
1. Virginia Baptist Hospital		3. License Number	45-10542-02
2. 3300 Rivermont Avenue Lynchburg, Virginia 24503		is amended in its entirety to read as follows:	
		4. Expiration Date	October 31, 1995 <sup>1</sup>
		5. Docket or Reference No.	030-31828
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. Cobalt 60	A. Any teletherapy sealed source registered pursuant to 10 CFR 32.210	A.	17,000 curies (2 sources of not more than 8,500 curies each)
B. Uranium (depleted in the isotope Uranium 235)	B. Metal shielding and/or other teletherapy components	B.	Not to exceed 999 kilograms

9. Authorized Use:
- A. One source be used in a Siemens Gammatron S Model 180 F teletherapy unit registered pursuant to 10 CFR 32.210 for medical use identified in 10 CFR 35.600 and one source for possession incident to source exchange.
  - B. For possession and use as shielding and/or other teletherapy components.

**CONDITIONS**

- 10. Licensed material shall be used only at the licensee's facilities located at 3300 Rivermont Avenue, Lynchburg, Virginia and as described in application dated July 5, 1990 and supplemented by letter dated October 30 and enclosures thereto.
- 11. The Radiation Safety Officer for this license is Larry H. Redmond, M.D.
- 12. The Teletherapy Physicist for this license is Van H. McComas, M.S.

<sup>1</sup> This license is considered to be in timely renewal based upon the letter from USNRC dated September 25, 1995, and will not expire until action is completed.

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PDR ADOCK 03031828  
C PDR

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number 45-10542-02

Docket or Reference number 030-31828

Amendment No. 4

(cont.)

CONDITIONS

13. Licensed material shall be used by, or under the supervision of, the following individuals for the materials and uses specified:

- A. Robert L. Driskill, M.D. Medical use identified in 10 CFR 35.600 and depleted uranium as shielding.
- B. Anita Joy Hilliard, M.D. Medical use identified in 10 CFR 35.600 and depleted uranium as shielding.

14. Sealed sources containing licensed material shall not be opened or removed from the teletherapy device by the licensee.

15. The licensee is exempted from decommissioning financial assurance requirements for possession of licensed material in sealed sources in quantities greater than the limits in 10 CFR 30.35(d) for the purpose of source changes only. This exemption is granted for no more than 30 days for any one source change.

16. Notwithstanding the requirements of 10 CFR 35.647, the licensee is authorized to extend until January 1, 1996 the time interval for inspection and servicing of its teletherapy unit.

17. The licensee shall maintain records of information important to safe and effective decommissioning at the location specified in Condition 10. above pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

18. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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 July 5, 1990
- B. Letters dated:
  - July 4, 1990
  - October 1, 1990
  - October 30, 1990
  - August 10, 1992
  - February 14, 1995 [delete Dr. Gargus]
  - April 6, 1995 [add Dr. Hilliard]
  - June 19, 1995 [change RSO and TP, delete B. Agarwal]
- C. ALARA Program dated October 31, 1990

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DAVID J. COLLINS

BY

*David J. Collins*

Region II, Nuclear Materials Licensing Section  
101 Marietta Street, N.W., Suite 2900  
Atlanta, Georgia 30323-0199

*10/21/95*  
*END SIP*  
*JOB*

DATE OCT 02 1995