

## MATERIALS LICENSE

Amendment No. 5

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, 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		In accordance with letter dated December 9, 1992	
1. Veterans Administration Medical Center Wadsworth Medical Center		3. License number 04-00181-12 is amended in its entirety to read as follows:	
2. Wilshire & Sawtelle Boulevards Los Angeles, CA 90073		4. Expiration date March 31, 1995	
		5. Docket or Reference No. 030-22280	
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. Teletherapy sealed sources	A. 20,000 curies (2 sources of not more than 10,000 curies each)	
B. Uranium depleted in U-235	B. Plated metal	B. 999 kilograms	
9. Authorized use			
A. One source to be used in a teletherapy unit for the treatment of humans. One source in its shipping container to be in possession of the licensee as necessary to the replacement of the source in the teletherapy unit only.			
B. Shielding.			

## CONDITIONS

10. Licensed material shall be used only at the Veterans Administration Medical Center, Wilshire & Sawtelle Boulevards, Los Angeles, California.
11. A. Authorized users: Hans Kuisk, M.D.; Lou Minh Tran, M.D.; Ahmad Sadeghi, M.D.; Leslie St. Royal, M.D.
- B. Radiation Safety Officer: Ahmad Sadeghi, M.D.
- C. Teletherapy Physicist: Bradford K. Krutoff, M.S.
12. A. Teletherapy sources shall be tested for leakage at intervals not to exceed six months. Records of test results shall be kept in units of microcuries and maintained for inspection by the Commission. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a source received from another person shall not be used until tested for leakage.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number 04-00181-12

Docket or Reference number 030-22280

Amendment No. 5

**CONDITIONS**

(Continued)

- B. The tests shall be sufficiently sensitive to detect 0.05 microcurie of contamination on the test sample.
- C. The test sample shall be taken from selected accessible surfaces of the teletherapy head. The selected accessible surfaces should be those surfaces on which one might expect contamination (if there were to be leakage) to accumulate and shall include the inner surface of the most frequently used treatment cones or beam collimating device. The test sample shall be taken with the source in the "off" position.
- D. If the test reveals the presence of 0.05 microcurie or more of removable contamination, the licensee shall immediately withdraw the source from use and take action to prevent the spread of contamination. A report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region V, Radioactive Materials Safety Branch, 1450 Maria Lane, Walnut Creek, California 94596. The report shall specify the source involved, the test results, and corrective action taken.
13. 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.
14. Notwithstanding the requirements of 10 CFR 35.647(a), the licensee is authorized to extend until March 14, 1993 the time interval for inspection and servicing of the teletherapy unit.
15. 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 January 25, 1990  
B. Statement of training and experience dated March 14, 1990  
C. Letter dated December 9, 1992

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

DEC 10 1992

Date \_\_\_\_\_

By: Beth A. Prange  
Beth A. Prange  
Sr. Health Physicist (Licensing)  
Radioactive Materials Safety Branch  
Region V

DEC 10 1982

Docket No. : 030-22280  
License No.: 04-00181-12  
Control No.: 571729

Veterans Administration Medical Center  
Wadsworth Medical Center  
Wilshire & Sawtelle Boulevards  
Los Angeles, CA 90073

Attention: Bradford M. Krutoff, M. S.  
Teletherapy Physicist

Enclosed is the NRC license amendment which you requested.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify us so that we can provide appropriate corrections and answers.

Any future correspondence relating to your license should specifically reference your license and docket numbers to expedite your inquiry.

Sincerely,

Beth A. Prange  
Sr. Health Physicist (Licensing)  
Radioactive Materials Safety Branch

Enclosure: Attachment A  
Amendment No. 5 to License No. 04-00181-12

Distribution

bcc w/original concurrence, copy of license and original correspondence:

License docket folder

bcc w/copy of license and correspondence:

Inspection folder

bcc w/copy of license:

Reading file

bcc w/correspondence and 2 copies of license:

Shirley Crutchfield, LFMB, MNBB 4503

License only:

State of CA

KPrendergast

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JMontgomery

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<sup>BP</sup>  
BPrange

12/8/92

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YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

December 9, 1992

To: Beth Prange  
Senior Health Physicist  
United States NRC  
Region 5  
1450 Maria Lane  
Walnut Creek, CA 94596  
FAX: (510) 975-0381 or (510) 975-0350

From: Bradford M. Krutoff, M.S.  
Radiation Therapy Physicist  
VA Medical Center, West L.A.  
Radiation Therapy Service (214)  
Phone: (310) 824-4360  
Fax: (310) 798-6681 (Federal) or (310) 824-6681

Re: Extension of Five-year inspection of Co-60 source on  
License No. 04-00181-12.

Dear Beth Prange,


Due to our limited funds we will not be able to replace the Co-60 source in our Theratronics 780 teletherapy unit after January 10, 1992, the date that the 5 year source maintenance interval expires.

I am requesting an extension for a period of approximately two and one half months regarding section 35.647 of the US NRC Rules and regulations, Title 10, Chapter 1, CFR for our licence, number 04-00181-12. This extension would enable us until March 14, 1993 to complete the source five year inspection at the same time that the new source is installed. This is also cost effective because the fee would be charged only once rather than twice for source inspection and servicing. I have been informed that adequate funds for both the five year inspection and source change out will be appropriated before March 14, 1993.

The operation of the source has been reliable since the present source was originally installed and has not had a failure (stuck in the on position). The door interlock system and radiation room monitors are in proper working order. There is no outstanding problems that are known to exist with the unit that would lead to an additional risk by extending the five-year inspection by three months.

Please let me know of your decision as soon as possible.

Thank you,

  
Bradford M. Krutoff, M.S.

**FEE EXEMPT**