

MATERIALS LICENSE

Amendment No. 24

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 application dated October 23, 1986	
1. Cleveland Clinic Foundation Radiation Safety Officer - BQ38		3. License number 34-00466-02 is amended in its entirety to read as follows:	
2. 9500 Euclid Avenue Cleveland, OH 44106		4. Expiration date	May 31, 1994
		5. Docket or Reference No.	030-00394
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. Sealed sources Model designation AECL C-146 or C-151	A. 11,000 curies per source	
9. Authorized Use			
A. Medical use as described in 10 CFR 35.600, and irradiation of biological specimens, animals and material (excluding explosives and highly flammable materials) in an AECL Model Theratron 780 teletherapy unit.			

CONDITIONS

10. Location of Use: Cleveland Clinic, North Clinic Building, 9500 Euclid Avenue, Cleveland, Ohio.
11. A. Licensed material for human use shall be used by, or under the supervision of, Marie E. Taylor, M.D., or by physicians (as defined in 10 CFR 35.2) who are certified by the American Board of Radiology in Radiology or Therapeutic Radiology and who have been approved by the licensee's Radioisotope Committee.
- B. Licensed material for non-human use shall be used by, or under the supervision of William K. Roberts, M.S., James W. Blue, Ph.D., Patrick Higgins, Ph.D., Claudio Sibata, Ph.D., William McCarthy, M.S. or Eric Klein, M.S.
- C. Radiation Safety Officer: Steven J. Aron, Jr., Ph.D.
12. Pursuant to 10 CFR Part 40, "Domestic Licensing of Source Material", the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of uranium contained as shielding material in the teletherapy units authorized by this license.

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SUPPLEMENTARY SHEET

License number: 34-00466-02

Docket or Reference number: 030-00394

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13. This license is based on the licensee's statements and representations listed below:
- A. Application dated October 23, 1986; and
 - B. Letters dated December 18, 1986, January 15, 1987, March 13, 1987 and July 28, 1987.

For the U.S. Nuclear Regulatory Commission

Date: MAR 2 1987

By William J. Olson
Materials Licensing Section, Region III