

CORRECTED COPY

MATERIALS LICENSE

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); and to import such byproduct and source material. 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

1. Radiation Therapy Services, Inc.

3. License number 42-23184-01

2. P. O. Box 834399
Richardson, Texas 75083

4. Expiration date March 31, 1989

5. Docket or
Reference No. 030-287246. Byproduct, source, and/or
special nuclear material

A. Cobalt-60

7. Chemical and/or physical
formA. Sealed Sources
(AECL 146 or 151)8. Maximum amount that licensee
may possess at any one time
under this license

A. See Condition 10.

9. Authorized use:

A. For possession incident to perform repair, maintenance, and 5 year inspections
on AECL teletherapy units specified in Condition 10. of this license.8508120031 850715
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CONDITIONS

10. The activities authorized by this license are applicable to the following AECL teletherapy units and specifications:

<u>AECL Teletherapy Unit Model Numbers</u>	<u>Maximum Permissible Activity Per Unit (curies)</u>
A. Theratron 780	14,000
B. Theratron 60	14,000
C. Theratron 80	14,000
D. Eldorado 6	14,000
E. Eldorado 8	14,000
F. Eldorado G	14,000
G. Eldorado Super G	14,000
H. Theratron G	14,000
I. Theratron C	14,000

11. Licensed material shall be used only at temporary job sites of the licensee anywhere in the United States where the Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
12. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."

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13. Licensed material under Items 10.A. through 10.E. shall be used by, or under the supervision and in the physical presence of, Richard H. Tanker, Edwin Freeman, or Richard D. Foss. License material under Items 10.F. through 10.I. shall be used by, or under the supervision and in the physical presence of, Richard H. Tanker.
14. Sealed sources containing licensed material shall not be opened.
15.
 - A. Teletherapy sources shall be tested for leakage at intervals not to exceed 6 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 6 months prior to the transfer, a source received from another person shall not be used until tested for leakage.
 - 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.

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15. (continued)

- D. If the test reveals the presence of 0.05 microcurie or more of removable contamination, the licensee shall promptly take action to prevent spread of contamination and shall file a report within 5 days of the test with the Material Licensing Branch, Division of Fuel Cycle and Material Safety, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, describing the test results and the corrective action taken. A copy of such report shall also be sent to the U. S. Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Dr., Suite 1000, Arlington, Texas 76011.
16. Pursuant to Title 10, Chapter 1, Code of Federal Regulations, Part 40, "Domestic Licensing of Source Material," the licensee is authorized to possess, use, transfer, and import the uranium contained as shielding material in the teletherapy units authorized by this license.
17. Written instructions for five year inspections contained in application dated July 25, 1983, shall be followed and a copy of these instructions shall be made available to each individual using or having responsibility for use of licensed material. Any changes in these instructions shall have the prior approval of the U. S. Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Dr., Suite 1000, Arlington, Texas 76011.
18. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in letter dated July 25, 1983, with attached application; letter dated November 30, 1983, with attached revised application dated November 23, 1983; and letter dated February 18, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 15 1985Original Signed By
By Jack E. WhittenNuclear Materials Safety Section
Region IV
Arlington, Texas 76011

Official Record Copy

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