

## MATERIALS LICENSE

Amendment No. 08

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

1. Rockford Clinic, Ltd.

2. 2300 North Rockton Avenue  
Rockford, IL 61103In accordance with letter dated  
May 6, 19853. License number 12-07207-01 is amended in  
its entirety to read as follows:

4. Expiration date June 30, 1990

5. Docket or  
Reference No. 030-014776. Byproduct, source, and/or  
special nuclear material7. Chemical and/or physical  
form8. Maximum amount that licensee  
may possess at any one time  
under this license

A. Iodine-131

A. Any iodide that has  
been manufactured, labeled,  
packaged, and distributed  
in accordance with a  
specific license issued  
pursuant to Section 32.72  
of 10 CFR Part 32 or a  
specific license issued to  
a manufacturer by an  
Agreement State pursuant  
to equivalent State  
regulations

A. 25 millicuries

B. Phosphorus-32

B. Any soluble phosphate  
that has been manufactured,  
labeled, packaged, and  
distributed in accordance  
with a specific license  
issued pursuant to  
Section 32.72 of 10 CFR  
Part 32 or a specific  
license issued to a  
manufacturer by an  
Agreement State pursuant  
to equivalent State  
regulations

B. 15 millicuries

## 9. Authorized Use

A. For treatment of hyperthyroidism.

B. For treatment of pol ythemia vera, leukemia and bone metastases.

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12-07207-01 PDR

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

12-07207-01

Docket or Reference number

030-01477

Amendment No. 08

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 2300 North Rockton Avenue, Rockford, Illinois.
11. 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."
12. Licensed material listed in Item 6 above is authorized for use by the following individual(s) for the materials and uses indicated:
 

Charles L. Picus, M.D.	Iodine-131 for treatment of hyperthyroidism Phosphorous-32 for treatment of polycythemia vera, leukemia and bone metastases
Paul K. Burkholder, M.D.	Iodine-131 for treatment of hyperthyroidism
13. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
  - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of ten (10) half-lives.
  - B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.
  - C. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.
14. 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 application dated June 11, 1979; letters dated August 6, 1979 and May 6, 1985; and Model ALARA Program as contained in Appendix O of Regulatory Guide 10.8, October 1980. 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

Original Signed

By James Mullauer

Materials Licensing Section, Region III

Date May 31, 1985

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to equivalent State  
regulationsB. Any soluble phosphate  
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distributed in accordance  
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