

MATERIALS LICENSE

Amendment No. 02

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.

"OFFICIAL RECORD COPY"

Licensee

1. Eunice Kennedy Shriver Center
for Mental Retardation, Inc.
2. 200 Trapelo Road
Waltham, Massachusetts 02254

In accordance with application dated
April 12, 1985

3. License number 20-18423-01 is amended in its
entirety to read as follows:

4. Expiration date June 30, 1990

5. Docket or
Reference No. 030-15057/20-18423-02 17488

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. Hydrogen 3
- B. Carbon 14
- C. Sulfur
- D. Phosphorus 32
- E. Iodine 125
- F. Potassium 42
- G. Chlorine 36
- H. Calcium 45

- A. Any
- B. Any
- C. Any
- D. Any
- D. Protein bound
- F. Any
- G. Any
- H. Any

- A. 2 curies
- B. 100 millicuries
- C. 100 millicuries
- D. 35 millicuries
- E. 2 millicuries
- F. 0.2 millicuries
- G. 0.2 millicuries
- H. 5 millicuries

9. Authorized use

- A. through H. Research and Development as defined in 10 CFR 30.4(q); animal studies.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities, 200 Trapelo Road, Waltham, Massachusetts.
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."

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

20-18423-01

Docket or Reference number

030-15057/20-18423-02

Amendment No. 02

(continued)

CONDITIONS

12. Licensed material listed in Item 6 above is authorized for use by, or under the supervision of, the following individual(s) for the materials and uses indicated:

Edwin Kolodny, M.D.	H-3, C-14, S-35, and Ca-45
Robert H. McCluer, Ph.D	All
Peter Daniel, Ph.D	All
Verne Caviness, Jr., M.D.	H-3, C-14, S-35 and Ca-45
Kathleen Rockland, Ph.D	H-3, C-14, S-35, Ca-45 and I-125
Srinivasa Raghavan, Ph.D	All
Xandra Breakefield, Ph.D	All
Tom Fox, Ph.D	All
Firoze Jungalwala, Ph.D	All
Victor Sapirstein, Ph.D	All
Gerald A. Schwarting, Ph.D	H-3, C-14, S-35, Ca-45 and I-125
Wayne Miller, M.D.	H-3, C-14, S-35, Ca-45 and I-125
Leu-Fen Lin, Ph.D	H-3, C-14, S-35 and Ca-45
Marjorie Lees, Ph.D.	H-3, C-14, S-35 and Ca-45

13. The licensee shall not use licensed material in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.
14. Experimental animals administered licensed materials or their products shall not be used for human consumption.
15. 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 April 12, 1985 and letter dated June 12, 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

Original Signed By:

By Jenny M. Johanson

Date JUN 25 1985

Nuclear Materials Safety and
Safeguards Branch, Region I
King of Prussia, Pennsylvania 19406