

MATERIALS LICENSE

Amendment No. 11

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. Department of Health and Human Services
National Hansen's Disease Center
USPHS
2. Carville, Louisiana 70721

In accordance with letter dated
January 27, 1988

3. License number 17-14996-01 is amended in
its entirety to read as follows:

4. Expiration date April 30, 1988

5. Docket or
Reference No. 030-08380

6. Byproduct, source, and/or
special nuclear material

A. Hydrogen-3
B. Carbon-14
C. Iodine-131
D. Iodine-125
E. Phosphorus-32
F. Sulfur-35
G. Chromium-51
H. Calcium-45

7. Chemical and/or physical
form

A. Any
B. Any
C. Any
D. Any
E. Any
F. Any
G. Any
H. Any

8. Maximum amount that licensee
may possess at any one time
under this license

A. 100 millicuries
B. 20 millicuries
C. 10 millicuries
D. 20 millicuries
E. 10 millicuries
F. 10 millicuries
G. 10 millicuries
H. 10 millicuries

9. Authorized use:

- A. through H. To be used in in vitro laboratory and diagnostic studies, chemical synthesis of labeled compounds, protein labelling, and animal studies.

CONDITIONS

10. Licensed material shall be used only at National Hansen's Disease Center, USPHS, Carville, Louisiana.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number
17-14996-01

Docket or Reference number
030-08380

Amendment No. 11

11. Licensed material shall be used by, or under the supervision of Sterling Christy; Eugene Harris; Robert C. Hastings, M.D., Ph.D.; Wojciech Krotoski, M.D., Ph.D.; Melvyn Morales, M.S.; Kochukunju Prabhakaran, Ph.D.; Edward Shannon, Ph.D.; James L. Krahenbuhl, Ph.D.; or Thomas P. Gillis, Ph.D.
12. Experimental animals administered licensed materials or their products shall not be used for human consumption.
13. Licensed material shall not be used in or on human beings.
14. 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 May 18, 1982
 - B. Letter dated April 8, 1983
 - C. Letter dated June 29, 1987
 - D. Letter dated January 27, 1988

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

FEB 18 1988

Date _____

Original signed by
JACK E. WHITTEN

By

Nuclear Materials Licensing Section
Region IV
Arlington, Texas 76011

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