

MATERIALS LICENSE

Amendment No. 04

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. Allied/Instrumentation Laboratory

2. One Burtt Road
Andover, Massachusetts 01810In accordance with letter received
June 4, 19853. License number 20-16890-01 is amended in its
entirety to read as follows:

4. Expiration date June 30, 1986

5. Docket or
Reference No. 030-118186. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this licenseA. Hydrogen 3
B. Carbon 14
C. Sulfur 35
D. Iodine 125
E. Chromium 51A. Any
B. Any
C. Any
D. Any
E. AnyA. 10 millicuries
B. 10 millicuries
C. 10 millicuries
D. 50 millicuries
E. 50 millicuries

9. Authorized use

A. through E. For use in research and development as defined in Section 30.4(q) 10 CFR Part 30.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities, located at 113 Hartwell Avenue, Lexington, Massachusetts and at 1 Burtt Road, Andover, 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."
12. Licensed material shall be used by, or under the supervision of, Arleen Chase, Mona D. Jensen, or James Hengst.
13. Licensed material shall not be used in or on human beings or in products distributed to the public.
14. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."

8508290070 850807
REG1 LIC30
20-16890-01 PDR

"OFFICIAL RECORD COPY"

1/1
ML18

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

20-16890-01

Docket or Reference number

030-11818

Amendment No. 04

(continued)

CONDITIONS

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 23, 1981, and letter dated September 17, 1984 and letter received June 4, 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:

Jack Davis

By

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

AUG 07 1985

Date