

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.

"OFFICIAL RECORD COPY"

Licensee			
1. Northampton County Area Community College		3. License number	37-19024-02
2. 3835 Green Pond Road Bethlehem, Pennsylvania 18017		4. Expiration date	August 31, 1990
		5. Docket or Reference No.	030-28824 37-19024-01
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. Iodine 125	A. Prepackaged Kits	A. 10 microcuries	
9. Authorized use			
A. <u>In vitro</u> kits to be used for teaching and training of students.			

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities, the Campus Medical Laboratory, 3835 Green Pond Road, Bethlehem, Pennsylvania.
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, Dwight Oliver Kamback.
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. 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.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

37-19024-02

Docket or Reference number

030-28824

(14.continued)

CONDITIONS

- C. Radioactive wastes containing microcuries amounts of iodine-125 may be disposed to the ordinary trash after being held for decay for a minimum of five (5) half-lives. Prior to disposal, these wastes must be monitored in accordance with the procedures described in the licensee's application dated July 22, 1985. The survey conducted prior to disposal must confirm that the radioactivity of the wastes cannot be distinguished from background.
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 July 22, 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.



Date

AUG 28 1985

For the U.S. Nuclear Regulatory Commission
Original Signed By:

By Jenny M. Johansen

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