

## 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). 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. Northern Montana College

3. License number 25-11987-02

2. Havre, Montana 59501

4. Expiration date April 30, 1990

5. Docket or  
Reference No. 030-203196. 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. Hydrogen-3

A. Foil (U.S. Radium  
Model LAB 508-1)A. Not to exceed  
250 millicuries  
per source

9. Authorized use:

A. For use in Varian gas chromatographs for sample analysis.

## CONDITIONS

10. Licensed material shall be used only at Northern Montana College, Havre, Montana.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEETLicense number  
25-11987-02Docket or Reference number  
030-20319

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, Robert P. Christeck.
13. Detector cells containing licensed material shall not be opened or the foil sources removed from the detector cell by the licensee.
14. Detector cells containing titanium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
15. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in Section 20.203(a)(1), Title 10, Code of Federal Regulations, Part 20, the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.
16. 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 November 27, 1984. 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

APR 29 1985

Date

Original Signed By

C. L. Cain

By

Nuclear Materials Safety Section  
Region IV  
Arlington, Texas 76011

Official Record Copy

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