

**S. ATOMIC ENERGY COMMISSION  
BYPRODUCT MATERIAL LICENSE**

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

<b>Licensee</b>		
1. Name	<b>Gettysburg College Physics Department</b>	3. License number <b>37-6176-1 (B2)</b>
2. Address	<b>Gettysburg, Pennsylvania</b>	4. Expiration date <b>February 28, 1962</b>
		5. Reference No.
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time.
A. Cobalt-60 B. Cesium-137  (See page 2)	A. Any B. Any  (See page 2)	A. 5 millicuries B. 5 millicuries  (See page 2)

9. Authorized use

**A. - F. To be used in coincidence, angular correlation, scattering and similar laboratory experiments for educational purposes.**

**CONDITIONS**

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards For Protection Against Radiation".
12. Byproduct material shall be used by, or under the direct supervision of, J. Richard Haskins.
13. Byproduct material shall not be used in or on human beings.
14. The licensee shall possess and use byproduct material described in Items 6, 7 and 8 of this license in accordance with statements, representations, and procedures contained in his application dated January 15, 1960.

(See page 2)

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**DUPLICATE**

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Supplementary Sheet

Continued from page 1

License Number 37-6176-1  
(B62)

6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radio- activity which licensee may possess at any one time
C. Promethium-147	G. Any	G. 1 millicurie
D. Thallium-204	D. Any	D. 1 millicurie
E. Zinc-65	E. Any	E. 5 millicuries
F. Cobalt-58	F. Any	F. 5 millicuries

CONDITIONS

15. Written administrative instructions entitled "Nuclear Laboratory Administrative and Operating Procedures for the Handling of Radioisotopes" shall be followed and a copy of these instructions shall be supplied to each individual using or having responsibility for the use of byproduct material. Any changes in these administrative instructions shall have the prior approval of the Isotopes Branch, Division of Licensing and Regulation.

FOR DIV. OF INSP. *REB*

Date February 17, 1960

*J. J. Cooper*

For the U. S. Atomic Energy Commission

Original Signed By  
James R. Mason  
by Chief, Isotopes Branch

Division of Licensing and Regulation  
Washington 25, D. C.

*REB 2/17/60*