

U. 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.

Licensee 1. Name National Research Corporation Applied Physics Section 2. Address 70 Memorial Drive Cambridge 42, Massachusetts Attn: Mr. J. R. Roehrig		3. License number 20-1465-1 4. Expiration date November 30, 1958 5. Reference No.
6. Byproduct material (element and mass number) Krypton 85	7. Chemical and/or physical form U. S. Radium Model LAB-472 Sealed Sources	8. Maximum amount of radioactivity which licensee may possess at any one time 1 source of 1,000 millicuries 1 source of 400 millicuries Total 1,400 millicuries
9. Authorized use For use in a Gas Analysis Chamber, National Research Corporation drawing number E-11420, for ionization of gases.		

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. Byproduct material is to be used by, or under the supervision of, the individual named above.
12. Except as hereinafter provided the licensee shall comply with provisions of the Atomic Energy Commission's proposed standards for protection against radiation as published in the Federal Register, July 16, 1955 (10-CFR-20), until such time as said proposed regulations or revisions thereof become effective regulations of the Commission.
13. Licensed material to be used as sealed sources for purpose stated and sources shall not be altered, opened, or combined.

For the U. S. Atomic Energy Commission

Date November 28, 1956

by

L. P. H. *PCH/NO*
Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee*BC*