

ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 39, License 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 materials listed below, and to use such byproduct material for the purpose (s) and at the place (s) designated below. The 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:

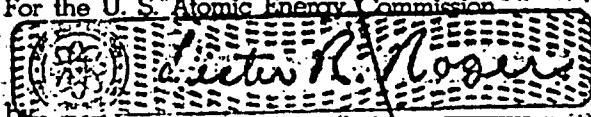
1. Name Carlson Light Corporation Research Division Department of Chemistry Clinton, New Jersey		3. License number 29-140-1
2. Address Attn: Milton Williams		4. Expiration date May 31, 1958
6. Byproduct material (element and mass number) Various Isotopes of Beryllium, Magnesium, and Uranium Compounds		7. Chemical and/or physical form any
9. Authorized use Study of effect of radiation on irradiated material.		8. Maximum amount of radioactivity which licensee may possess at any one time 1000 milligrams

CONDITIONS

- 10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above, and the material shall be used only under the supervision of the individual named above.
- 11. 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 14, 1955 (10-CFR-20), until such time as said proposed regulations or revisions thereof become effective regulations of the Commission. Notwithstanding Section 20.21(f) of said standards, labeling shall not be required for laboratory containers such as beakers, flasks and test tubes, used transiently in laboratory procedures during presence of the user.
- 12. The licensee is also licensed, pursuant to Title 10, C.F.R., Chapter 1, Part 70, to possess the special nuclear material (plutonium) created as a result of the irradiation of the uranium compounds specified above.

Supervised

Date **May 17, 1955**

For the U. S. Atomic Energy Commission


Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee
B-16