

U. S. ATOMIC ENERGY COMMISSION
PRODUCT 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		3. License number
1. Name	American Cyanamid Company Research Division	29-209-1
2. Address	Bound Brook, New Jersey	4. Expiration date
	Attn: Dr. William Seaman	April 30, 1958
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	5. Reference No.
Phosphorus 32	Any	
		8. Maximum amount of radioactivity which licensee may possess at any one time
		5 millicuries

9. Authorized use

To determine retention time and degree of mixing of liquid entering a continuous reactor.

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above, and the material is to be used by, or 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 16, 1955 (10-CFR-20), until such time as said proposed regulations or revisions thereof become effective regulations of the Commission. Notwithstanding, Section 20.24(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.

Superseded by 29-209-2 dated June 19, 1956 MB

For the U. S. Atomic Energy Commission

2 R R / Jms

ORIGINAL SIGNED BY
LESTER R. ROGERS

Date **April 5, 1956**

by

for:

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

B.P. / MB cbb

A/15