

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, use 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Licensee		Superseded by 42-553-3	
1. Name	Shell Oil Company Houston Research Laboratory	3. License number	CANCELED
2. Address	P. O. Box 2527 Houston 1, Texas <i>Deer Park</i>	4. Expiration date	July 31, 1958
Attn: Dr. T. Brooks Metcalfe		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	
Scandium 146 Cerium 144	Any Any	100 millicuries 100 millicuries	

9. Authorized use

As stated on Application dated June 29, 1956.

Superseded
~~CANCELED~~

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. Byproduct material may also be used at Shell Oil Company, Refinery, Norco, Louisiana and Shell Development Company, Emeryville, California.
12. Byproduct materials are to be used by, or under the supervision of, the individual named above.
13. 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.

~~CANCELED~~ Superseded

For the U. S. Atomic Energy Commission

Date July 26, 1956

WDP R.D.

by

JRB
*for*ORIGINAL SIGNED BY
JERRY R. RIVERS

7-26-56

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