

# AMERICAN OIL COMPANY

(TEXAS)

TEXAS CITY, TEXAS

March 19, 1956

RESEARCH AND DEVELOPMENT DEPARTMENT

PHILIP C. WHITE  
MANAGER

## Procurement of Radioisotopes

Isotopes Extension  
Division of Civilian Application  
Atomic Energy Commission  
Oak Ridge, Tennessee

Gentlemen:

Enclosed herewith are two copies of completed form AEC-313 requesting a byproduct material license for the purchase and use of up to 5 millicuries of carbon-14 in the form of benzene-C<sup>14</sup>. As this is our first application on the revised form, both pages 1 and 2 are submitted.

We are interested in obtaining this license at the earliest possible date. The benzene-C<sup>14</sup> is to be used for the specific purpose of tracing benzene through a pilot plant catalytic reforming unit.

Our general research program includes the use of carbon-14 for a variety of organic reaction studies. Would it be possible to obtain a general license for the purchase of 10-20 mc (total) of any C-14 labelled organic compounds? In an industrial laboratory such as ours, the need to obtain a license for the use of a specific compound is often a deterrent to the consideration of using the radiotracer technique, because of the time element involved in obtaining approval.

We would appreciate your comments or suggestions on methods to circumvent this problem. The revised licensing procedure is a great improvement along this line, but it will not be fully effective if a license must be obtained for each chemical form of the radioelement it is desired to use.

Please furnish us with two additional sets of form AEC-313.

Very truly yours,

*Philip C. White*  
Philip C. White /a-ox

HHH:vbb

Att. *11*

*11*