

BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

License Number 12-140-4
(G61)

Amendment No. 3

Sinclair Research Laboratories, Inc.
400 East Sibley Boulevard
Harvey, Illinois

Attention: Dr. Adolph I. Snow

In accordance with application dated September 18, 1959 and attachments, License Number 12-140-4 is amended to add the following condition:

- 20. Notwithstanding Condition 19, in accordance with application dated September 18, 1959 and attachments, the licensee may add 48 millicuries of Carbon-14 labeled hydrocarbon as 12 monthly injections of 4 millicuries each into the feed of a catalytic reforming unit at the Sinclair Refining Company, East Chicago, Indiana, to determine the degree of conversion of particular hydrocarbons to product as a function of catalyst activity. The radioactivity shall be blended into 80,000 barrels of gasoline such that the concentration of Carbon-14 in the product shall not exceed 3.3×10^{-7} microcuries per milliliter.

*Mem # 4
7-22-60
GMB*

A/15

DUPLICATED

For the U. S. Atomic Energy Commission

Original Signed By
James R. Mason

Date September 23, 1959

by CRB **Chief, Isotopes Branch**
Division of Licensing and Regulation
Washington 25, D. C.

I. W. Cooper

REB 9/24/59