

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE
Supplementary SheetPage 1 of 1 PagesLicense 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.

mm # 4
7-22-60
gmb

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DUPLICATED

Date September 23, 1959

For the U. S. Atomic Energy Commission

Original Signed By
James R. Masonby CRB Chief, Isotopes Branch
Division of Licensing and Regulation
Washington 25, D. C.

1. / Cooper

REB 9/24/59