



**SINCLAIR RESEARCH, INC.**

400 EAST SIBLEY BOULEVARD

HARVEY, ILLINOIS 60426

January 31, 1967

0247

U. S. Atomic Energy Commission (2)  
Washington, D.C. 20545

Attention: Isotopes Branch  
Division of Materials Licensing

Gentlemen:

In accordance with the requirements of our Byproduct Material License No. 12-140-4 (G67) Amendment No. 10, and No. 12-140-6 (D66) we are hereby reporting material transfers in accordance with Section 30.24(h)(2)10 CFR 30. The reporting period as required runs from January 1, 1966 to December 31, 1966. Our radioisotope uses in Agreement states are not included in this letter.

- License 12-140-4 (G67) Condition No. 17. Gasoline containing Hydrogen-3 at a concentration not to exceed  $8 \times 10^{-5}$  microcuries per milliliter in accordance with section 19 of this license.

<u>Date</u>	<u>Refinery Location</u>	<u>Material</u>	<u>Quantity H-3 Transferred, Curies</u>	<u>Maximum Conc. H-3 in Product, microcuries/ml.</u>	<u>Volume of Product, ml.</u>
7-8-66	East Chicago	Gasoline	0.1	$1.6 \times 10^{-5}$	$6 \times 10^9$
7-23-66	"	"	0.1	"	"
7-26-66	"	"	0.1	"	"
8-1-66	"	"	0.1	"	"
10-11-66	"	"	0.1	"	"
11-9-66	"	"	0.35	$5.6 \times 10^{-5}$	"

As the data above indicate, we have stayed within the concentration limits for the byproduct materials allowed by the licenses concerned.

Yours very truly,

SINCLAIR RESEARCH, INC.

*A. I. Snow*

A. I. Snow, Chairman  
Radioisotope Committee

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U.S. DEPT. OF COMMERCE