



September 5, 1972

U.S. Atomic Energy Commission
Washington, D. C. 20545Attention: Isotopes Branch
Division of Materials Licensing

Gentlemen:

In accordance with the requirements of our Byproduct Material License No. 12-00140-04 and 12-00140-06, we are hereby reporting material transfers in accordance with Section 32.12, Title 10, CFR Part 32. The period covered is from January 1, 1971, to June 30, 1972. Previously we have reported on a January to December basis. Henceforth, in accordance with Federal Regulations, we will report on a July 1st to June 30th basis.

License 12-00140-04

Gasoline containing Hydrogen-3 at a concentration not to exceed 8×10^{-5} microcuries per milliliter in accordance with Section 16 of this license.

Date	Refinery Location	Material	Quantity H-3 Transferred, Curies	Maximum Conc. H-3 in Product, microcuries/ml.	Volume of Product, ml.
4-6-71	East Chicago	Gasoline	0.050	1.1×10^{-5}	4.6×10^8
6-18-71	"	"	0.150	4.8×10^{-5}	3.2×10^9
8-15-71	"	"	0.190	6×10^{-5}	3.2×10^9

License 12-00140-04

Gasoline containing carbon-14 at a concentration not to exceed 3.3×10^7 microcuries per milliliter in accordance with Section 15 of this license.

Date	Refinery Location	Material	Quantity C-14 Transferred, Curies	Maximum Conc. C-14 in Product, microcuries/ml.	Volume of Product, ml.
7-20-71	Philadelphia	Gasoline	0.001	2.24×10^{-7}	4.46×10^9

Yours very truly,

A. I. Snow
A. I. Snow,
Chairman, Radioisotope Committee

COPIES SENT TO COMPLIANCE

AIS:msk

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