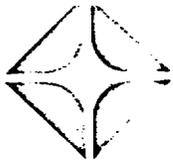


Harvey Technical Center
400 East Blevy Boulevard
Harvey, Illinois 60426
Telephone 312 333 3000

Products Division
Research & Engineering
Research & Development



July 25, 1977

2579

U.S. Nuclear Regulatory Commission
Washington, D. C. 20545

Attention: Isotopes Branch
Division of Material Licensing

Gentlemen:

In accordance with the requirements of Section 32-12, Title 10, CFR Part 32, we are hereby reporting material transfer in products. The period covered is July 1, 1976 to June 30, 1977.

Byproduct Material License 12-00140-06 - Coke containing Gold-198
in accordance with conditions of this License.

Date	10-8-76
Location	Cherry Point, Washington
Material	Petroleum Coke
Isotope	Gold-198
Quantity Transferred, curies	0.029
Maximum Permitted by License, $\mu\text{c/ml}$	5×10^{-4}
Maximum Concentration in Product, $\mu\text{c/gm}$	4.6×10^{-5}
Amount of Product, grams	6.35×10^8

✓ Byproduct Material License 12-00140-04 - Gasoline and heating oil containing carbon-14 in accordance with conditions of this License.

Date	6-15-77	6-15-77
Location	Mobil Oil - Joliet, Ill.	
Material	Gasoline	Fuel Oil
Isotope	Carbon 14	Carbon 14
Quantity Transferred, curies	0.0015	0.0030
Maximum Permitted by License, $\mu\text{c/ml}$	3.3×10^{-7}	8×10^{-3}
Maximum Concentration in Product, $\mu\text{c/ml}$	7.5×10^{-8}	7.5×10^{-8}
Volume of Product, ml	2×10^{10}	3.9×10^{10}

Yours very truly,

ATLANTIC RICHFIELD COMPANY

A. I. Snow

A. I. Snow
Chairman - Radioisotope Committee

GAU:msk

AUG 10 1977

A/S