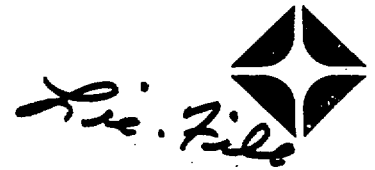


ARCO Petroleum Products Company

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

Research & Development



PRINCIPAL STAFF			
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July 22, 1981

Director of Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

In accordance with NRC Regulation 32.12, we are reporting that under NRC License No. 12-.00140-04, we have transferred radioactive material in products during the period July 1, 1980 to June 30, 1981, as follows:

**Gasoline Containing Hydrogen-3
in Accordance with Conditions of This License**

Date	7-3-80
Location	Philadelphia, Pa.
Material	Gasoline
Isotope	Hydrogen-3
Quantity transferred, curies	0.06
Maximum Permitted by License, $\mu\text{C}/\text{ml}$	3×10^{-2}
Maximum Concentration in Product, $\mu\text{C}/\text{ml}$	6×10^{-6}
Volume of Product, ml	1.0×10^{-10}

Very truly yours,

ARCO PETROLEUM PRODUCTS COMPANY

George A. Uhl
Radiation Safety Officer

GAU/msk

bcc: L. A. Baillie
W. Dardenne-Ankringa
R. R. Edison
S. Sichak
A. I. Snow
B. W. Turnquest

JUL 24 1981

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