

ARCO Petroleum Products Company

Harvey Technical Center
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Research & Development



August 1, 1985

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, in preparation for license termination, that under NRC License No. 12-00140-04, we have transferred radioactive material in products during the period July 1, 1982 to July 31, 1985 as follows:

Date	Location	Isotope	Quantity Transferred (Curies)	Max. Conc. Permitted by License ($\mu\text{C}/\text{ml}$)	Max. Conc. in Product Transferred ($\mu\text{C}/\text{ml}$)	Amount of Product Transferred (ml)	Type of Product
11/23/82	Phil., PA	H-3	0.300	3×10^{-2}	3×10^{-5}	1.03×10^{10}	Gasoline
6/7/84	Phil., PA	H-3	0.0315	3×10^{-2}	3.2×10^{-6}	9.82×10^9	Gasoline
6/11/84	Phil., PA	H-3	0.0315	3×10^{-2}	3.2×10^{-6}	9.82×10^9	Gasoline
6/25/84	Phil., PA	H-3	0.063	3×10^{-2}	6.4×10^{-6}	9.82×10^9	Gasoline
7/25/84	Phil., PA	H-3	0.0774	3×10^{-2}	4.0×10^{-6}	1.95×10^{10}	Gasoline
2/27/85	Ferndale, WA	Au-198	0.037	5×10^{-4}	2.1×10^{-5}	$1.77 \times 10^{9*}$	Coke
2/28/85	Ferndale, WA	Au-198	0.052	5×10^{-4}	2.9×10^{-5}	$1.77 \times 10^{9*}$	Coke

* Units are grams. Density is approximately 1.0 gm/ml.

Yours very truly,

ARCO Petroleum Products Company

John D. Phelps, Jr.

John D. Phelps, Jr.
Radiation Safety Officer

cc: USNRC Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

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AUG 5 1985