

January 17, 2018

To: Director, Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attn: Document Control Desk/Exempt Distribution

RE: NRC License No. 07-35288-01E, Docket No. 03038897
10 CFR 32.12 Material Transfer Report – 2017

Dear Sir/Madam:

Pursuant to a condition of Tracerco's License No. 07-35288-E and 10 CFR 32.12, enclosed is the required material transfer report for 2017.

All transfers were in compliance with a license condition authorizing Tracerco to introduce by-product material as contaminants in tracer studies and to transfer ownership and possession of the product or material containing by-product material to persons exempt from the requirements for a license provided in 10 CFR 30.14.

The concentrations of by-product materials at the time of transfer did not exceed the concentrations in 10 CFR 30.70 nor were the products incorporated in any food, beverage, cosmetic, or other commodity or product designed for ingestion or inhalation by, or application to, a human being.

Should you have any questions regarding the enclosed report, please do not hesitate to contact our offices.

Best Regards,



Monte Pope
Corporate Radiation Safety Officer

Enclosure: 10 CFR 32.12 By-product Material Transfer Report — 2017

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Johnson Matthey

Tracerco
NRC Exempt Distribution License No. 07-35288-01E
10 CFR 32.12 Material Transfer Report
01/01/17 through 12/31/17

10 CFR 32.12(b)(1)		10 CFR 32.12(b)(2)			10 CFR 32.12(b)(3)		10 CFR 32.12(b)(4)		
Recipient Product/Material		Recipient Information			Radionuclide Introduced		Initial Transfer Concentration		
Type	Quantity	Name	City	State	Type	Quantity (mCi)	Liquid ($\mu\text{Ci/ml}$)	Solid ($\mu\text{Ci/g}$)	Gas ($\mu\text{Ci/ml}$)
Liquid	183720 gal	Marathon GBR	Texas City	TX	Br-82	200	2.88E-04	N/A	N/A
Liquid	183720 gal	Marathon GBR	Texas City	TX	Br-82	300	4.31E-04	N/A	N/A
Liquid	1302000 gal	Marathon GBR	Texas City	TX	Br-82	100	2.03E-05	N/A	N/A
Liquid	7000 gal	East Dubuque Nitro	East Dubuque	IL	H-3	15	5.66E-04	N/A	N/A
Liquid	46200 gal	Phillips 66	Carson	CA	Br-82	75	4.29E-04	N/A	N/A
Liquid	60000 gal	CF Industries	Sgt. Bluffs	IA	H-3	250	1.10E-03	N/A	N/A
Liquid	10000	Valero	St. Charles	LA	H-3	10	2.64E-04	N/A	N/A
Liquid	10000	Valero	St. Charles	LA	H-3	10	2.64E-04	N/A	N/A
Liquid	2500	Shell	Martinez	CA	Na-24	35	3.70E-04	N/A	N/A
Liquid	360000lbs	Coffeyville Resources	Coffeyville	KS	Na-24	60	3.67E-04	N/A	N/A
Solid	300000lbs	Philadelphia Energy Solutions	Philadelphia	PA	Mn-56	26	N/A	2.00E-04	N/A
Liquid	500000gal	Marathon	Texas City	TX	Na-24	60	3.17E-05	N/A	N/A
Liquid	500000gal	Marathon	Texas City	TX	Na-24	60	3.17E-05	N/A	N/A
Liquid	3000gal	Marathon	Cattlesburg	KY	H-3	20	1.76E-03	N/A	N/A
Solid	300000lbs	Philadelphia Energy Solutions	Philadelphia	PA	Mn-56	130	N/A	9.50E-04	N/A
Liquid	6000gal	Coffeyville Resources	Coffeyville	KS	Na-24	11	4.84E-04	N/A	N/A
Liquid	264500 gal	Philadelphia Energy Solutions	Philadelphia	PA	Br-82	75	7.49E-05	N/A	N/A
Liquid	200gal	Marathon	Texas City	TX	H-3	10	1.32E-02	N/A	N/A
Liquid	900000lbs	ExxonMobil	Beaumont	TX	Na-24	113	2.77E-04	N/A	N/A