

January 31, 2019

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 2018.

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 — 2018

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Johnson Matthey

Tracerco

NRC Exempt Distribution License No. 07-35288-01E

10 CFR 32.12 Material Transfer Report

01/01/18 through 12/31/18

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 (µCi/ml)	Solid (µCi/g)	Gas (µCi/ml)
Liquid	900 gal	Marathon	Texas City	TX	H-3	10	2.94E-03	N/A	N/A
Liquid	484000 gal	Marathon	Texas City	TX	H-3	1	5.46E-07	N/A	N/A
Liquid	50000 gal	TOTAL	Port Arthur	TX	H-3	250	1.32E-03	N/A	N/A
Liquid	740000gal	CF Industries	Donaldsonville	LA	H-3	5000	1.79E-03	N/A	N/A
Liquid	300000 gal	Chevron	EI Segundo	CA	La-140	32.2	3.48E-05	N/A	N/A
Solid	800000 lbs	Marathon	Garville	LA	La-140	70	N/A	1.93E-04	N/A
Liquid	2310000 gal	Phillips 66	Belle Chasse	LA	Br-82	20	2.29E-06	N/A	N/A
Liquid	220000 gal	Exxon Mobil Chem	Baton Rouge	LA	La-140	50	6.00E-05	N/A	N/A
Liquid	171000 gal	Marathon	Garville	LA	Br-82	50	7.72E-05	N/A	N/A
Liquid	171000 gal	Marathon	Garville	LA	Br-82	50	7.72E-05	N/A	N/A
Liquid	171000 gal	Marathon	Garville	LA	Br-82	50	7.72E-05	N/A	N/A
Liquid	171000 gal	Marathon	Garville	LA	Br-82	50	7.72E-05	N/A	N/A
Liquid	171000 gal	Marathon	Garville	LA	Br-82	50	7.72E-05	N/A	N/A
Liquid	3948000 gal	Marathon	Texas City	TX	Br-82	27	1.81E-06	N/A	N/A
Liquid	210000 gal	Marathon	Texas City	TX	H-3	100	1.26E-04	N/A	N/A
Liquid	23982000 gal	Marathon	Texas City	TX	H-3	1000	1.10E-05	N/A	N/A
Liquid	1000000 gal	Enterprise Products	Mont Belvieu	TX	Br-82	20	5.28E-06	N/A	N/A
Liquid	500000 gal	Marathon	Texas City	TX	H-3	1000	5.28E-04	N/A	N/A
Liquid	76800 gal	Lyondell Houston Refining	Houston	TX	La-140	34.4	1.18E-04	N/A	N/A
Liquid	500000 gal	Marathon	Texas City	TX	H-3	500	2.64E-04	N/A	N/A
Liquid	72000000 gal	Marathon	Texas City	TX	Br-82	39.63	1.45E-07	N/A	N/A
Liquid	20000000 gal	Flint Hills	Joliet	IL	Na-24	250	3.30E-05	N/A	N/A