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January 22, 2015

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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. 07-28386-01, Docket Reference No. 030-31174
10 CFR 32.12 Material Transfer Report - 2014

Dear Sir/Madam:

Pursuant to a condition of Tracerco's License No. 07-28386-01 and 10 CRC 32.12, enclosed is the required material transfer report for 2014. All transfers were in compliance with a license condition authorizing Tracerco to introduce byproduct material as contaminates in tracer studies and to transfer ownership and possession of the product or material containing byproduct material to persons exempt from the requirements for a license provided in 10 CFR 30.14. The concentrations of byproduct 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 us.

Best Regards,

Ralph Pierre
Tracerco NE Area Supervisor/RSO

Enclosure: 10 CFR 32.12 Material Transfer Report – 2014



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Tracerco is a d/b/a of Johnson Matthey Inc.

Johnson Matthey

Tracerco
NRC License No. 07-28366-01
10 CFR 32.12 Material Transfer Report
01/01/14 through 12/31/14

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	Liquid ($\mu\text{Ci/ml}$)	Solid ($\mu\text{Ci/g}$)	Gas ($\mu\text{Ci/ml}$)
Liquid	336000 gal	CHS	Laurel	MT	Br-82	63 mCi	4.95E-05	N/A	N/A
Liquid	380000 gal	Flint Hill Res	Rosemont	MN	Na-24	60 mCi	4.17E-05	N/A	N/A
Liquid	190000 gal	Flint Hill Res	Rosemont	MN	Na-24	16 mCi	2.22E-05	N/A	N/A
Liquid	840000 gal	CHS	Laurel	MT	Br-82	28 mCi	8.81E-06	N/A	N/A
Liquid	42000 gal	Phillips 66	Wood River	IL	H-3	250 mCi	1.57E-03	N/A	N/A
Liquid	1600000 gal	PES	Philadelphia	PA	Br-82	30 mCi	4.95E-06	N/A	N/A
Solid	260000 lbs	WRB	Roxana	IL	Br-82	80 mCi	N/A	6.78E-04	N/A
Solid	300000 lbs	PES	Philadelphia	PA	Mn-56	100 mCi	N/A	7.35E-04	N/A
Solid	260000 gal	WRB	Roxana	IL	Br-82	100 mCi	N/A	8.48E-04	N/A
Solid	300000 gal	United Ref	Warren	PA	Na-24	50 mCi	N/A	3.67E-04	N/A