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January 21, 2014

Certified Mail RRR: 7013302000017819 8316

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 - 2013

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 2013. All transfers were in compliance with a license condition authorizing Tracerco to introduce byproduct material as contaminants 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,

William Mixon
Tracerco Northeast Regional Manager/RSO

Enclosure: 10 CFR 32.12 Material Transfer Report – 2013



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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
01/01/13 through 12/31/13

10 CFR 32.12(b)(1)		10 CFR 32.12(b)(2)			10 CFR 32.12(b)(3)		10 CFR 32.12(b)(4)		
Receipient Product/Material		Receipient 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	800000 gal	ExxonMobil	Joliet	IL	Na-24	100 mCi	0.000033	N/A	NA
Solid	20000 lbs	Holly Frontier	Cheyenne	WY	Na-24	10 mCi	N/A	0.00011	NA
Liquid	81584 gal	Toledo Ref	Toledo	OH	Br-82	9.8 mCi	0.0000317	N/A	NA
Liquid	2500000 gal	Marathon Ref	Canton	OH	Br-82	19 mCi	2.01E-06	N/A	NA
Liquid	8000 gal	Holly Frontier	Cheyenne	WY	Na-24	22 mCi	7.27E-04	N/A	NA
Liquid	10500 gal	Montana Ref	Great Falls	MT	Br-82	61.8 mci	1.56E-03	N/A	NA
Liquid	12000 gal	Flint Hills	Rosemont	MN	Na-24	40 mCi	8.81E-04	N/A	NA
Liquid	2500 gal	PES	Philadelphia	PA	H-3	30 mCi	3.17E-03	N/A	NA
Liquid	380000 gal	Flint Hills	Rosemont	MN	Na-24	60 mci	4.17E-05	N/A	NA
Liquid	800000 gal	ExxonMobil	Joliet	IL	Na-24	100 mCi	3.30E-05	N/A	NA
Liquid	800000 gal	ExxonMobil	Joliet	IL	Na-24	100 mCi	3.30E-05	N/A	NA

NRC FORM 253 (9-96)		U.S. NUCLEAR REGULATORY COMMISSION		DATE OF REQUEST 1-31-14	CONTROL NUMBER
MESSENGER/COURIER RECEIPT					
TO: Brian Holian		OFFICE FSME	BUILDING TWFW	ROOM NUMBER 8D22	
FROM: Tracerco		OFFICE ADM	BUILDING OWFW	ROOM NUMBER PI-C10	
DESCRIPTION USPS Certified letter 7013-3020-0001-7819-8316		MESSENGER/COURIER SIGNATURE			
		MESSENGER/COURIER MEC		DATE RECEIVED 1-31	
				TIME RECEIVED 1:45 P	
		MESSENGER/COURIER		DATE RECEIVED	
				TIME RECEIVED	
		RECIPIENT'S SIGNATURE			
		RECIPIENT Castellon		DATE RECEIVED 1/31/14	
				TIME RECEIVED	
SENDER: 1. Complete "DATE OF REQUEST," "TO;," "FROM;," and unclassified "DESCRIPTION" blocks. 2. Obtain MESSENGER/COURIER signature, date received, and time received in first blocks provided. 3. Retain "SENDER'S SUSPENSE COPY."		MESSENGER/COURIER: 1. Deliver package to recipient or next messenger/courier enroute to addressee. 2. Obtain MESSENGER/COURIER or RECIPIENT signature, date received, and time received in the appropriate blocks provided.		RECIPIENT: 1. Provide signature, date received, and time received in the appropriate blocks. 2. Retain RECIPIENT'S COPY. 3. Return original to messenger/courier immediately, who will return it to the sender.	

Tracerco
81 GSRI Rd
Baton Rouge, LA 70820



**RETURN RECEIPT
REQUESTED**

AWD

Director, Office of Federal and State Materials
and Environmental Management Programs
U.S. Nuclear Regulatory Commission
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