



Providing Insight Onsite

P-3

April 13, 2012

U.S. Nuclear Regulatory Commission  
Region 1  
Nuclear Material section B  
475 Allendale Road  
King of Prussia, PA 19406-1415

RECEIVED  
REGION 1  
2012 APR 30 AM 11:15

RE: NRC License No. 07-28386-01, Docket Reference No. 030-31174  
10 CFR 32.12 Material Transfer Report - 2010

Dear Sir/Madam:

Pursuant to a condition of Tracerco's License No. 07-28386-01 and 10 CFR 32.12, Tracerco is required to file an annual report regarding the transfer of byproduct materials in accordance with 10 CFR 32.11. Subsequently, a recent internal audit of Tracerco's radiation protection program it was discovered that the required annual report for 2010 had not been submitted. To correct this omission enclosed is the required report for 2010. All transfers were in compliance with a license condition authorizing Tracerco to introduce byproduct materials 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 30.17 nor were the products incorporated in any food, beverage, cosmetic, or other commodity or product designed for injection or inhalation by, or application to, a human being.



577450  
NMSS/RGN1 MATERIALS-002

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

Johnson Matthey

Tracerco NRC License No. 07-2838601  
April 13, 2012

Pg. 2 of 2

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 - 2010



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

		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		
Job No.	Date	Type	Quantity	Name	City	State	Type	Quantity	Liquid ( $\mu\text{Ci/ml}$ )	Solid ( $\mu\text{Ci/g}$ )	Gas ( $\mu\text{Ci/ml}$ )
10-4127	02/19/10	Water	1000000 gal	Honeywell	Hopewell	VA	La-140	30mCi	7.93E-06	NA	NA
10-4265	04/08/10	Solid	384000 lbs	Valero	Paulsboro	NJ	Mn-56	160mCi	N/A	0.000919	NA
10-4265	04/08/10	Air	N/A	Valero	Paulsboro	NJ	Kr-79	370mCi	N/A	NA	2.05E-09
10-4492	04/21/10	Liquid	1900 gal	Enterprise	Opal	WY	Na-24	10 mCi	1.39E-03	NA	NA
10-4548	05/11/10	Air	N/A	Conoco	Trainer	PA	Kr-85	4100mCi	N/A	NA	1.43E-08
10-4727	09/08/10	Air	N/A	Marathon	Catlettsburg	KY	Kr-79	3000 mCi	N/A	NA	7.00E-08
10-4727	09/08/10	Solid	1800000 lbs	Marathon	Catlettsburg	KY	La-140	60 mCi	N/A	7.35E-05	NA
10-4980	10/19/10	Solid	900000 lbs	Sunoco	Marcus Hook	PA	Mn-56	67mCi	N/A	1.64E-04	NA
10-4980	10/19/10	Air	N/A	Sunoco	Marcus Hook	PA	Ar-41	108mCi	N/A	NA	5.14E-11
10-4980	10/21/10	Solid	900000 lbs	Sunoco	Marcus Hook	PA	Mn-56	65mCi	N/A	1.59E-04	NA
10-4980	10/21/10	Air	N/A	Sunoco	Marcus Hook	PA	Kr-79	2357mCi	N/A	NA	1.12E-09
10-4980	10/21/10	Liquid	900000 lbs	Sunoco	Marcus Hook	PA	Br-82	62mci	1.82E-04	NA	NA
10-5318	12/17/10	Air	N/A	Marathon	Catlettsburg	KY	Kr-85	2400 mci	N/A	NA	2.09E-09

This is to acknowledge the receipt of your letter/application dated

4/13/12, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Notification (07-28386-01)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 577450.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.