

P3
Additional Info.

Tracerco

Providing Insight Onsite

May 9, 2012

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

RE: NRC License No. 07-28386-01, Docket Reference No. 030-31174
10 CFR 32.12 Material Transfer Report - 2011

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REGION 1
2012 MAY 18 AM 7:44

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 2011 had not been submitted. To correct this omission enclosed is the required report for 2011. 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 30.70 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.

MC # 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
May, 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 - 2011



Tracerco
NRC License No. 07-28366-01
10 CFR 32.12 Material Transfer Report
01/01/11 through 12/31/11

Job No.	Date	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 ($\mu\text{Ci/ml}$)
11-5477	01/05/11	Air	N/A	Sunoco	Marcus Hook	PA	Ar-41	67mCi	N/A	N/A	2.62E-10
10-5397	01/19/11	Air	N/A	CHS	Laurel	MT	Kr-79	665 mCi	N/A	N/A	8.88E-10
11-4191	02/24/11	Air	N/A	CHS	Laurel	MT	Kr-79	665mCi	N/A	N/A	8.88E-10
11-4570	06/09/11	Solid	600,000 lbs	Hess	Port Reading	NJ	Mn-56	40mCi	N/A	1.47E-04	N/A
11-4570	06/14/11	Solid	600,000 lbs	Hess	Port Reading	NJ	Mn-56	40mCi	N/A	1.47E-04	N/A
11-4570	06/16/11	Air	N/A	Hess	Port Reading	NJ	Kr-79	2173mCi	N/A	N/A	6.76E-09
11-4619	06/30/11	Liquid	210000gal	Montana Ref	Great Falls	MT	Br-82	10mCi	1.26E-04	N/A	N/A
11-4619	06/30/11	Air	N/A	Montana Ref	Great Falls	MT	Kr-79	1862.7mCi	N/A	N/A	2.17E-08
11-4757	07/07/11	Air	N/A	Marathon	Detroit	MI	Kr-85	1215	N/A	N/A	2.00E-09
11-4956	08/11/11	Air	N/A	Hess	Port Reading	NJ	Kr-79	2173mCi	N/A	N/A	6.76E-09
11-4956	08/19/11	Air	N/A	Hess	Port Reading	NJ	Kr-79	2173mCi	N/A	N/A	6.76E-09
11-4757	08/30/11	Air	N/A	Marathon	Detroit	MI	Kr-85	1500 mCi	N/A	N/A	2.00E-09
11-4940	11/08/11	Air	N/A	Sinclair Oil	Casper	WY	Kr-85	250 mCi	N/A	N/A	4.05E-09
11-5034	11/18/11	Solid	11 lbs	UOP	Des Plaines	IL	Na-24	2 mCi	N/A	2.14E-08	N/A
11-5034	11/18/11	Solid	11 lbs	UOP	Des Plaines	IL	La-140	.4 mCi	N/A	2.00E-05	N/A
11-5034	11/18/11	Air	N/A	UOP	Des Plaines	IL	Kr-85	3700 mCi	N/A	N/A	9.49E-09
11-4959	11/28/11	Solid	300 grams	ExxonMobil	Annandale	NJ	La-140	0.5 mCi	N/A	2.00E-04	N/A
11-4959	11/28/11	Air	N/A	ExxonMobil	Annandale	NJ	Kr-79	50mCi	N/A	N/A	7.00E-08
11-4959	11/28/11	Solid	300 grams	ExxonMobil	Annandale	NJ	Na-24	1.0 mCi	N/A	2.00E-03	N/A
11-4940	11/30/11	Air	N/A	Sinclair Oil	Casper	WY	Kr-85	873 mCi	N/A	N/A	1.41E-08
11-5615	12/13/11	Air	N/A	ConocoPhillips	Linden	NJ	Kr-85	2800mCi	N/A	N/A	4.54E-08
11-4406	09/23/11	Air	N/A	Marathon	Catlettsburg	KY	Kr-85	1000 mCi	N/A	N/A	2.55E-09
11-5525	12/07/11	Air	N/A	Marathon	Catlettsburg	KY	Kr-85	1500 mCi	N/A	N/A	3.82E-09