

SPECTECH

SPECTRUM TECHNIQUES, L.L.C.

106 Union Valley Road
Oak Ridge, TN 37830
Tel: (865) 482-9937 Fax: (865) 483-0473
Email: sales@spectrumtechniques.com
Web: www.spectrumtechniques.com

February 26, 2016

Director
Office of Nuclear Material Safety and Safeguards
ATTN: Document Control Desk/Exempt Distribution
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

License No. 41-23845-01E
Docket No. 030-34126

Subject: Annual Material Transfer Report for Exempt Quantities Distribution

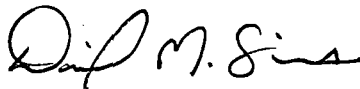
Director,

The attached information is provided to satisfy the annual reporting requirements pursuant to 10 CFR 32.20 for our Exempt Quantity Distribution License No. 41-23845-01E, Docket No. 030-34126. Transfers of byproduct material under 10 CFR 32.18, for use under 10 CFR 30.18 or equivalent regulations of an Agreement State, during the reporting period between January 1, 2015 and December 31, 2015 can be found on the attached report.

Records of transfer of material identifying, by name and address, each person to whom byproduct material was transferred for use under 10 CFR 30.18 or the equivalent regulations of an Agreement State stating the kinds, quantities, and physical form of the byproduct material are maintained on file at Spectrum Techniques.

Should there be any questions, please contact me at (865) 482-9937 or d.sims@spectrumtechniques.com.

Regards,



Daniel M. Sims
Radiation Protection Manager
Spectrum Techniques, L.L.C.
106 Union Valley Road
Oak Ridge, TN 37830

NM5503

2015 Spectrum Techniques Radioactive Material Transfer Report

Radionuclide	Form	Total Activity		
		μCi	mCi	MBq
Barium-133	Solid Sealed Source	5562.875	5.562875	205.8263
	Liquid Source	10.0	0.01	0.37
Cadmium-109	Solid Sealed Source	839.2	0.8392	31.0504
Carbon-14	Solid Sealed Source	375.0	0.375	13.875
Cesium-137	Solid Sealed Source	12980.579	12.980579	480.2814
Cobalt-57	Solid Sealed Source	4190.05	4.19005	155.0318
	Liquid Source	1.0	0.001	0.037
Cobalt-60	Solid Sealed Source	1622.9	1.6229	60.0473
Europium-152	Solid Sealed Source	317.65	0.31765	11.7531
Europium-155	Solid Sealed Source	302.0	0.302	11.174
Iodine-125	Solid Sealed Source	10.25	0.01025	0.3793
Iodine-129	Solid Sealed Source	61.3	0.0613	2.2681
Iron-55	Solid Sealed Source	8090.0	8.09	299.33
Lead-210	Plated Source	3.35	0.00335	0.1240
Manganese-54	Solid Sealed Source	550.45	0.55045	20.3667
Polonium-210	Plated Source	186.34	0.18634	6.8945
	Liquid Source	0.1	0.0001	0.0037
Sodium-22	Solid Sealed Source	1518.8	1.5188	56.1956
	Liquid Source	52.0	0.052	1.924
Strontium-90	Solid Sealed Source	101.12	0.10112	3.7414
	Plated Source	4.4	0.0044	0.1628
Thallium-204	Solid Sealed Source	789.0	0.789	29.193
Tin-113	Solid Sealed Source	17.45	0.01745	0.6457
Zinc-65	Solid Sealed Source	269.25	0.26925	9.9623

Total Activity Shipped in 2015	37.855064 mCi	1400.6374 MBq
---------------------------------------	----------------------	----------------------