



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

January 5, 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 32.18 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	Total Activity (μCi / mCi / MBq)		
Barium-133	5572.875 μCi	5.572875 mCi	206.1963 MBq
Cadmium-109	839.2 μCi	0.8392 mCi	31.0504 MBq
Carbon-14	375.0 μCi	0.375 mCi	13.875 MBq
Cesium-137	12980.579 μCi	12.980579 mCi	480.2814 MBq
Cobalt-57	4191.05 μCi	4.19105 mCi	155.0689 MBq
Cobalt-60	1622.9 μCi	1.6229 mCi	60.0473 MBq
Europium-152	317.65 μCi	0.31765 mCi	11.7531 MBq
Europium-155	302.0 μCi	0.302 mCi	11.174 MBq
Iodine-125	10.25 μCi	0.01025 mCi	0.3793 MBq
Iodine-129	61.3 μCi	0.0613 mCi	2.2681 MBq
Iron-55	8090.0 μCi	8.090 mCi	299.33 MBq
Lead-210	3.35 μCi	0.00335 mCi	0.1240 MBq
Manganese-54	550.45 μCi	0.55045 mCi	20.3667 MBq
Polonium-210	186.44 μCi	0.18644 mCi	6.8983 MBq
Sodium-22	1570.8 μCi	1.5708 mCi	58.1196 MBq
Strontium-90	105.52 μCi	0.10552 mCi	3.9042 MBq
Thallium-204	789.0 μCi	0.789 mCi	29.193 MBq
Tin-113	17.45 μCi	0.01745 mCi	0.6457 MBq
Zinc-65	269.25 μCi	0.26925 mCi	9.9623 MBq

Total Activity Shipped in 2015	37.855064 mCi	1400.6374 MBq
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