



Eckert & Ziegler

Isotope Products

29 January 2013

ATTN: Document Control Desk/Exempt Distribution
Mark Satorius, Director
Office of Federal and State Materials and
Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661-309-1010

Fax 661-257-8303

www.isotopeproducts.com

Re: Radioactive Materials License 04-16778-01E
Docket 030-19192
10cfr32.20 report of materials transferred for use under 10cfr30.18

Dear Mr. Satorius:

Per 10cfr32.20, please find enclosed Eckert & Ziegler Isotope Product's (EZIP) distribution report for the year 2012. EZIP distributed a total of 2,075 sources under e-license 04-16778-01E in CY 2012: 2,068 solid sources, 7 liquid sources, and 0 gas sources.

If you have any questions, please contact me at 661-309-1010 (office), 661-510-7015 (cell), or via email cary.renquist@ezag.com.

Sincerely,



Cary Renquist
Manager, Health Physics
Radiation Safety Officer

Appendix: 10cfr32.20 report of materials transferred for use under 10cfr30.18

Time period covered: 1 Jan 2012 through 31 Dec 2012:

Description: **Solid** calibration and reference sources

Nuclide	Product Quantity	Total Activity Transferred (uCi)	Nuclide	Product Quantity	Total Activity Transferred (uCi)
Ba-133	51	46	I-129	2	0.17
C-14	186	40.756757	Mn-54	1	0.01
Cd-109	12	30	Na-22	104	10.0325

FSHE03

ISO 9001 CERTIFIED

Medical Imaging Laboratory

24937 Avenue Tibbitts Valencia, California 91355

Industrial Gauging Laboratory

1800 North Keystone Street Burbank, California 91504

Nuclide	Product Quantity	Total Activity Transferred (uCi)	Nuclide	Product Quantity	Total Activity Transferred (uCi)
Cl-36	2	0.022	Pm-147	1	0.1
Co-57	470	18943	Si-32	1	0.05
Co-60	12	5.72	Sr-90	91	0.16
Cs-137	967	992.976	Tc-99	3	0.025
Eu-152	127	63.5	Zn-65	4	10
Fe-55	34	2500.1			

Description: **Liquid** calibration and reference sources

Nuclide	Product Quantity	Total Activity Transferred (uCi)
Cl-36	1	10
Cs-137	2	11
H-3	4	3.1