

29 October 2015

ATTN: Document Control Desk/Exempt Distribution  
Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

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Re: Radioactive Materials License 04-16778-01E  
Docket 030-19192  
10cfr32.20 report of materials transferred for use under 10cfr30.18  
**Amended report: 10cfr32.16 report of items transferred for use under 10cfr30.15**

Dear Director:

Per 10cfr32.20, please find enclosed Eckert & Ziegler Isotope Product's (EZIP) 32.18 distribution report for the year 2014. EZIP distributed a total of 1,790 sources under e-license 04-16778-01E in CY 2014: 1,779 solid sources, 11 liquid sources, and 0 gas sources. **Per 10cfr32.16, no sources were distributed under 10cfr32.14.**

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 2014 through 31 Dec 2014:**

	Quantity	Total Activity ( $\mu$ Ci)	
<b>Liquid</b>	<b>11</b>	<b>38.28</b>	<b>Total Liquid</b>
C-14	4	6.68	
Ca-45	1	10.00	
Co-60	3	1.50	
H-3	1	0.10	
Tc-99	2	20.00	

NMSS03

	<b>Quantity</b>	<b>Total Activity (<math>\mu</math>Ci)</b>	
<b>Solid</b>	<b>1779</b>	<b>10812.33</b>	<b>Total Solid</b>
Ba-133	25	121.95	
C-14	666	843.40	
Cd-109	3	20.10	
Cl-36	1	0.01	
Co-57	225	6262.70	
Co-60	9	3.98	
Cs-137	498	1253.14	
Eu-152	122	66.50	
Fe-55	23	2206.00	
Gd-153	1	0.10	
Ge-68	2	0.60	
Hg-203	4	3.50	
I-129	2	0.20	
Mn-54	1	0.10	
Na-22	91	26.80	
Pm-147	1	0.01	
Sr-90	86	1.43	
Tc-99	19	1.81	
<b>Grand Total</b>	<b>1790</b>	<b>10850.61</b>	