

January 29, 2015

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

**RE: Annual Exempt Distribution Report**

Dear Madam or Sir,

Enclosed please find Bruker Detection Corporation's annual transfer report for shipment of devices to users exempt from licensing requirements as per our Exempt Device Registration No. NR-1101-D-102-E and Exempt Distribution License No. 20-32465-02E.

Exempt Gas and aerosol devices containing sealed sources as specified in Condition 10 of licenses 20-32465-02E were transferred pursuant to 10 CFR 32.26 for use under 10 CFR 30.20. or equivalent provisions of the regulations of any agreement state

Distribution and transfer of exempt quantities of byproduct material specified in Condition 9.B-O of license 20-32465-02E were transferred pursuant to 10 CFR 32.18 for use under 10 CFR 30.18 or equivalent provisions of the regulations of any agreement state

The total quantity of devices transferred in the calendar year 2015 ending December 31, is as follows:

Instruments with sealed sources				
Instrument name and Model number	quantity	activity	Total activity shipped	Transferred under
RAID-M-100 / 26533	39	Ni-63 100Mbq	3900. Mbq	10 CFR32.26
RAID-AFM / 268900	2	Ni-63 100Mbq	200. Mbq	10 CFR32.26
ARFCAM / 253650	0	Ni-63 100Mbq	0 Mbq	10 CFR32.26
IPDS-LR / 275000	51	Ni-63 100Mbq	5100. Mbq	10 CFR32.26
μRAIDS / 269600	2	Ni-63 100Mbq	200. Mbq	10 CFR32.26
			Total 9400Mbq	

Calibration Source				
Cesium-137 15 nCi solid sealed	0	Cs-137 .000555Mbq	.00 Mbq	10 CFR 32.18
			Total .00 Mbq	
The total activity of exempt Ni-63 sealed sources transferred under 10 CFR 32.20 and 10 CFR32.26 in year 2015 was 9400Mbq				
The total activity of exempt Cs-137 sealed sources transferred under 10 CFR 32.18 in year 2015 was .00 Mbq				

If you have any questions please contact me at 1-978-663-3660 x1307 or e-mail me at [George.Gleason@BrukerDetection.us](mailto:George.Gleason@BrukerDetection.us)

Sincerely,



George Gleason  
Radiation Safety Officer

NMS SD3